AMPI (material selector)

User Guide



Summary

- Accessing the platform
- Navigating the platform
- Creating a new part
- Edit a part and communication with Arkema Experts
- Understanding the reports
- Order a part / Create a Quote / Create a Request
- Communicating with Service bureaux
- Track the status of orders/quotes/orders

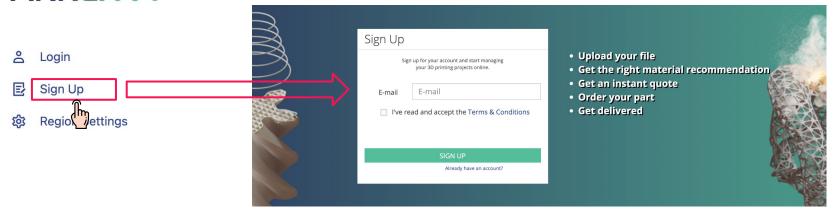


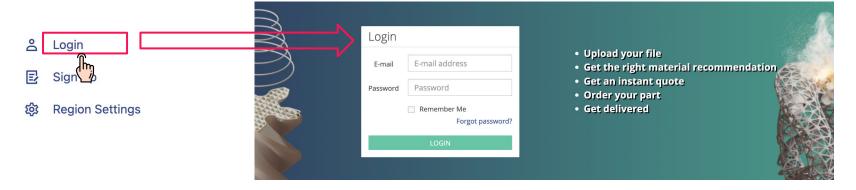
Accessing the platform



Creating an Account and Logging-In

ARKEMA

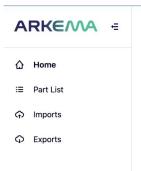




Navigating the platform



In which panel am I?



QUICK LINKS
Material Selector User
Guide
Contact Arkema Experts
Order Management
How to order a part or ask
for a quote?

SWITCH TO
User Panel
OTHER
Logout
Profile



Home

Overview of the Part List

Parts in Catalog

2

Quick Actions



Recently Added Parts

To know in which panel you are: you need to check the bottom left section below your name: for example in that case we are in the "AM Part identifier" = Material selector. Here are the different panels:

- **AM Part identifier** = AMPI = Material selector
- User panel = Order Management Panel (connection with suppliers) where you will find your orders / quotes / orders
- Logout = Click here if you want to logout from the platform
- Profile: Check here your personal information and change your region settings / addresses or change your password

See Part List

THUMBNAIL	NAME	STATUS	AUTHOR	CREATED	CATEGORY	SHORT ID	ATTACHMENTS
-	х	Draft	Yasmine Belghazi	2023-02-15	Part Evaluation	P-035242	-
8	Bolter Socket	Approved	support-account@3yourmind.com	2022-09-19	Part Evaluation	P-490612	-
	Cube test	Approved	Pierre Gonnetan	2022-09-15	Part Evaluation	P-782196	_
	Watch Bezel	Approved	support-account@3yourmind.com	2022-08-31	Part Evaluation	P-046398	-
600	Headphone Holder	Approved	support-account@3yourmind.com	2022-08-26	Part Evaluation	P-068618	-

Switching from a panel to another



Home

Part List

Imports

Exports

QUICK LINKS Material Selector User Γ Guide Contact Arkema Experts 7 Order Management ☑ How to order a part or ask for a quote?

SWITCH TO User Panel OTHER

Logout Profile

> Yasmine Belghazi AM Part Identifier



Overview of the Part List

Parts in Catalog

Quick Actions



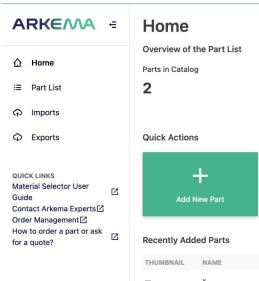
To switch from a panel to another please click on the little arrow next to your name.

Recently Added Parts

THUMBNAIL	NAME	STATUS	AUTHOR	CREATED	CATEGORY	SHORT ID	ATTACHMENTS
-	х	Draft	Yasmine Belghazi	2023-02-15	Part Evaluation	P-035242	-
8	Bolter Socket	Approved	support-account@3yourmind.com	2022-09-19	Part Evaluation	P-490612	-
	Cube test	Approved	Pierre Gonnetan	2022-09-15	Part Evaluation	P-782196	_
	Watch Bezel	Approved	support-account@3yourmind.com	2022-08-31	Part Evaluation	P-046398	-
50	Headphone Holder	Approved	support-account@3yourmind.com	2022-08-26	Part Evaluation	P-068618	



Accessing AMPI (Material selector)



Yasmine Belghazi

User Panel

SWITCH TO
USER Panel
OTHER
Logout

Profile

Yasmine Belghazi

AM Part Identifier

If you just logged in the platform, you should be automatically directed to AM Part Identifier = AMPI = Material Selector.

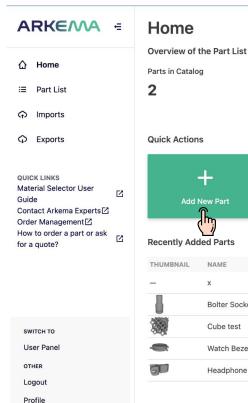
See Part List

THUN	MBNAIL NAME	STATUS	AUTHOR	CREATED	CATEGORY	SHORT ID	ATTACHMENTS
-	х	Draft	Yasmine Belghazi	2023-02-15	Part Evaluation	P-035242	-
	Bolter Socket	Approved	support-account@3yourmind.com	2022-09-19	Part Evaluation	P-490612	-
	SWITCH TO	Approved	Pierre Gonnetan	2022-09-15	Part Evaluation	P-782196	_
•	АМРІ	Approved	support-account@3yourmind.com	2022-08-31	Part Evaluation	P-046398	_
6	OTHER Logout	Approved	support-account@3yourmind.com	2022-08-26	Part Evaluation	P-068618	-
	Profile						

Creating a new part

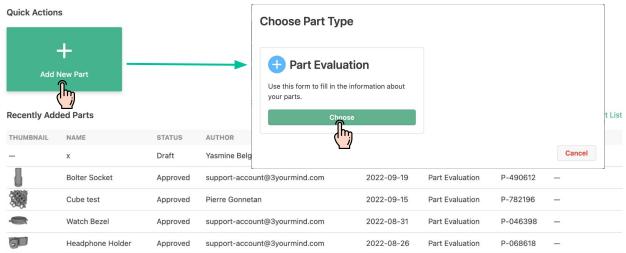


Adding a new part

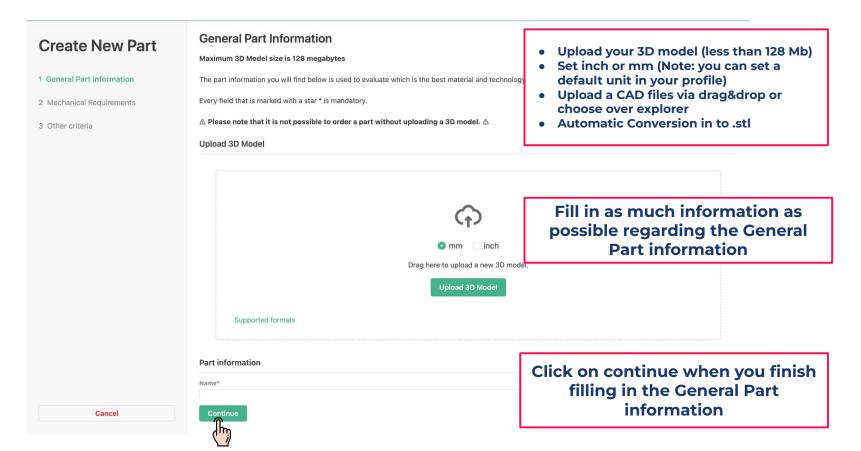


Yasmine Belghazi

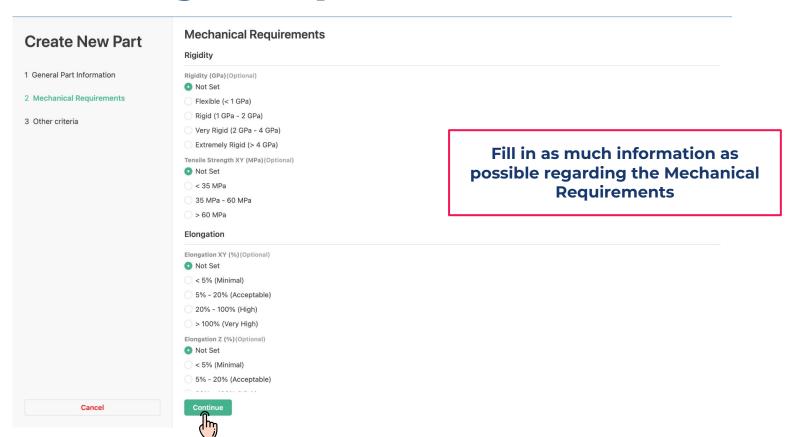
To add a new part, click on "Add New Part" and then "Choose" the part evaluation



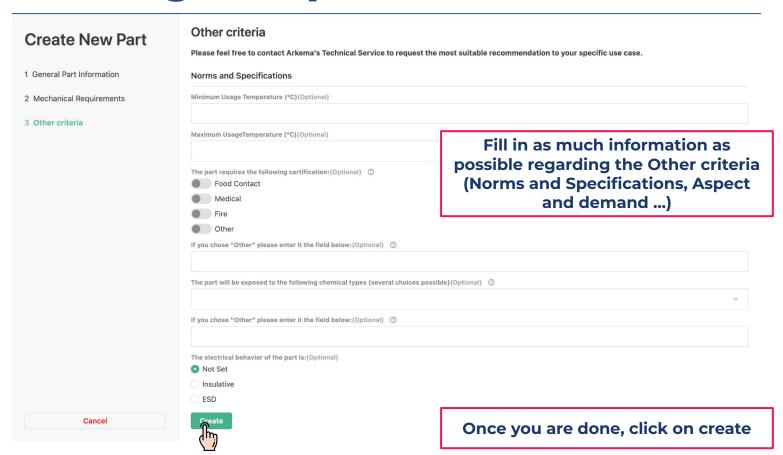
Creating new part - Part Information



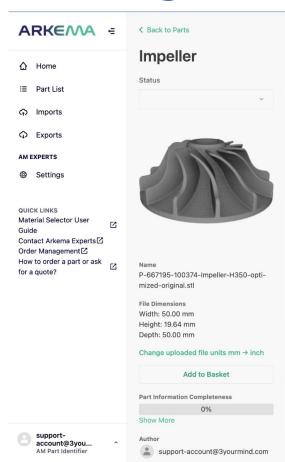
Creating new part - Mechanical Requirements



Creating new part - Mechanical Requirements



Creating a new part - Reports



Material Type Proposition

PEKK

PEKK is the material of choice for :

- · High modulus and strength
- Outstanding high temperature performance
- · Inherent flame resistance and low smoke toxicity
- Excellent chemical resistance (oils, fuels, Skydrol, and hydraulic fluids)
- Outstanding mechanical properties, wear, compression and impact
- · High dielectric strength and good insulating properties

Arkema Material Selection

FAMILY GRADE

Please see the technical scoring of the best 3 material alternatives for your project:

TECHNOLOGY

PEKK	HT-23	Powder Bed Fusion	100 %
PEKK	Kimya PEKK-SC	Fused Filament Fabrication	83 %
PA11	ASPEX-FPA	Powder Bed Fusion	75 %
PA11	Ultrasint PA11 black CF	Powder Bed Fusion	75 %

Property Breakdown

FPA

- I material fits selected parameter
- @: material is close to selected parameter
- X: material not recommended for parameter.

Disclaimer

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- Arkema or any of its subsidiaries or affiliates specifically disclaims any express or implied warranties, including warranties of merchantability or fitness for a particular purpose, arising out of the purchase or further use of any product pursuant to this

Once a part has been created, you will be able to check the part report directly

the company

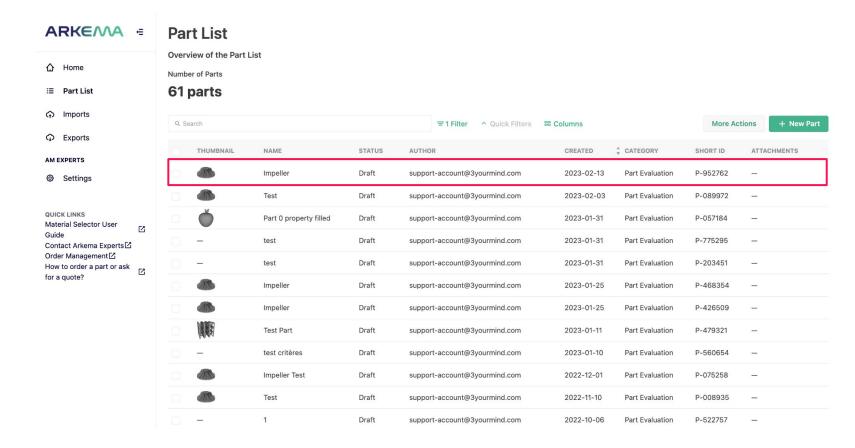
ot create any

tion between



Sometimes you will need to refresh the page to be able to see the reports

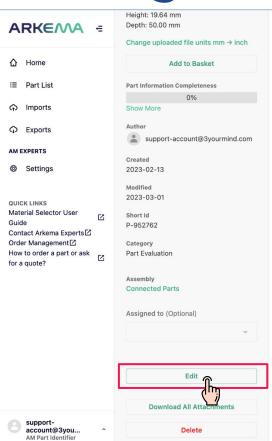
New part appears in part list

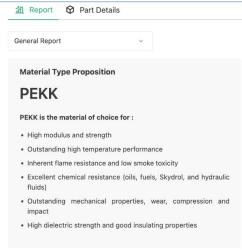


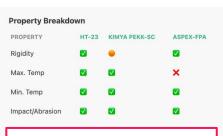
Edit a part and communicate with Arkema Experts



Creating new part - part editing







You can edit part's info in any given moment

Arkema Material Selection

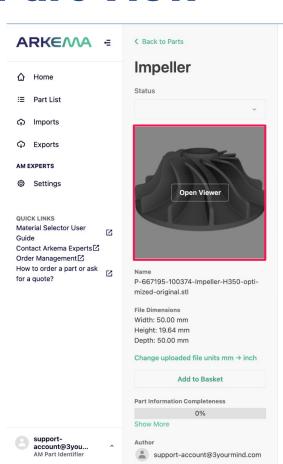
Please see the technical scoring of the best 3 material alternatives for your project:

for your	project:		
FAMILY	GRADE	TECHNOLOGY	SCORE
PEKK	HT-23	Powder Bed Fusion	100 %
PEKK	Kimya PEKK-SC	Fused Filament Fabrication	83 %
PA11	ASPEX-FPA	Powder Bed Fusion	75 %
PA11	Ultrasint PA11 black CF	Powder Bed Fusion	75 %

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Part View





Mechanical Requirements

Rigidity

Rigidity (GPa) Extremely Rigid (> 4 GPa)

Mechanical Constraints

The part must have the following capabilities (multiple options available)

Abrasion Resistance

Other criteria

Norms and Specifications

Minimum Usage Temperature (°C) 200.00 °C

The part details view

summarizes all the information that was entered by the user. Every part property can be found there.

2023-02-13 12:30:41

Maximum UsageTemperature (°C) 250.00 °C

Other

Size The part requires the following certification: 50.0000x19.6429x50.0000 mm Fire

Activity

Show: Comments / History / File Versions

support-account@3yourmind.com

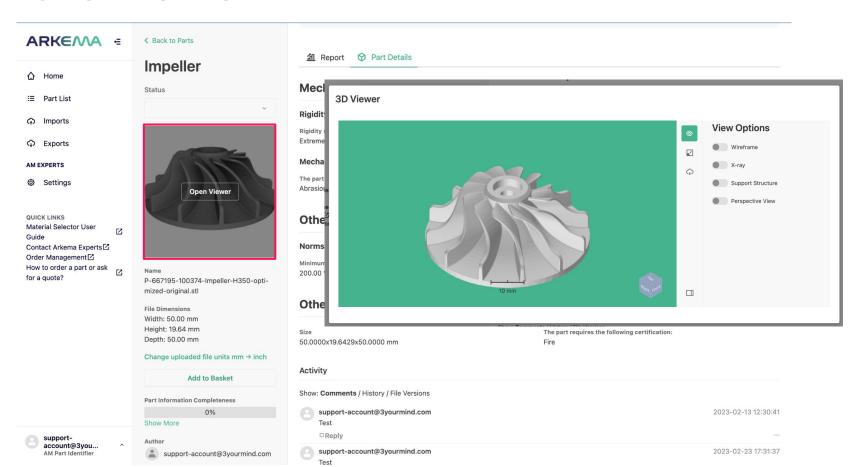
Test

Reply

support-account@3yourmind.com

2023-02-23 17:31:37

Part Viewer



Comments - communicating with arkema experts



File Dimensions Width: 50.00 mm

Height: 19.64 mm Depth: 50.00 mm

Change uploaded file units mm → inch

Add to Basket

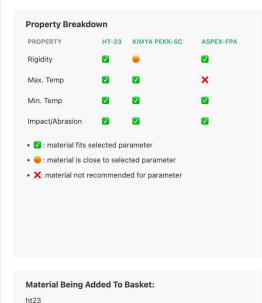
Part Information Completeness

0%

Show More

Author

support-account@3vourmind.com



Disclaimer

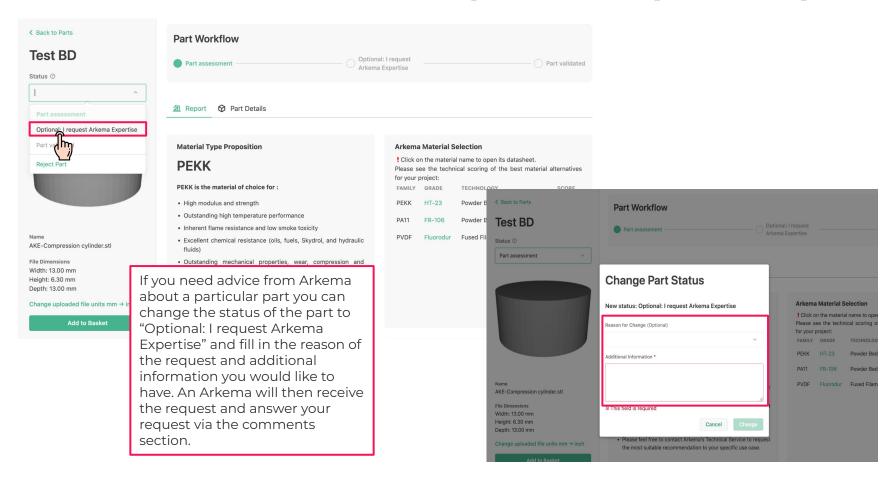
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- If relevant in your use case, please check Arkema medical policy

To ask Arkema's experts additional questions or information about the part, you can add it in the

comments section



Need advice from an Arkema expert about a particular part?



Contact Arkema experts



Part List

← Imports

Exports

AM EXPERTS

Settings

QUICK LINKS GO TO Order Management ☑ Platform user guide ☑ Platform user guide (video) ☑ FAQ☑

Contact Arkema Experts ☑

Home

Overview of the Part List

Number of Parts

133 parts

Quick Actions



Another way to reach out to Arkema experts is by clicking on "Contact Arkema Experts"

Recently Added Parts

THUMBNAIL	NAME	STATUS	AUTHOR	CREATED	CATEGORY	SHORT ID	ATTACHMENTS
	Arm	Part assessment	Shani Katz	2023-05-30	Part Evaluation	P-038830	_
	Test BD	Part assessment	PG	2023-05-26	Part Evaluation	P-348863	_
	Test Cerdato	Part assessment	PG	2023-05-24	Part Evaluation	P-499651	_
*	Valve	Part validated	Fabio Borgogno	2023-05-19	Part Evaluation	P-416992	-
S	Impeler Simulado	Part validated	Fabio Borgogno	2023-05-19	Part Evaluation	P-347651	_
-	Air Inlet 01	Part validated	Fabio Borgogno	2023-05-19	Part Evaluation	P-892101	=

See Part List

Understanding the reports



Reports

ARKEMA =

AM EXPERTS

Settings

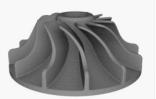
QUICK LINKS
Material Selector User
Guide
Contact Arkema Experts
Order Management
How to order a part or ask
for a quote?

account@3you...
AM Part Identifier

Back to Parts

Impeller

Status



Name P-667195-100374-Impeller-H350-optimized-original.stl

File Dimensions Width: 50.00 mm Height: 19.64 mm Depth: 50.00 mm

Change uploaded file units mm → inch

Add to Basket

Part Information Completeness

Show More

Author

support-account@3vourmind.com

Report 1:

Material family suggestion & a short description of the family type

Material Type Proposition

PEKK

PEKK is the material of choice for :

- · High modulus and strength
- · Outstanding high temperature performance
- · Inherent flame resistance and low smoke toxicity
- Excellent chemical resistance (oils, fuels, Skydrol, and hydraulic fluids)
- Outstanding mechanical properties, wear, compression and impact
- · High dielectric strength and good insulating properties

Report 2:

Technical scoring the best material alternatives based on filled the properties

Arkema Material Selection

Please see the technical scoring of the best 3 material alternatives for your project:

FAMILY	GRADE	TECHNOLOGY	SCORE
PEKK	HT-23	Powder Bed Fusion	100 %
PEKK	Kimya PEKK-SC	Fused Filament Fabrication	83 %
PA11	ASPEX-FPA	Powder Bed Fusion	75 %
PA11	Ultrasint PA11 black CF	Powder Bed Fusion	75 %

Property Breakdown

PROPERTY	111-25	KIMITA PERK-50	ASPEATITA
Rigidity		•	
Max. Temp			×
Min. Temp		~	
Impact/Abrasion	V		▼

HT-23 KIMVA DEKK-SC ASDEY-EDA

- I material fits selected parameter
- 🔴 : material is close to selected parameter
- X: material not recommended for parameter

Report 3:

Property breakdown of the top 3 best materials

Disclaimer

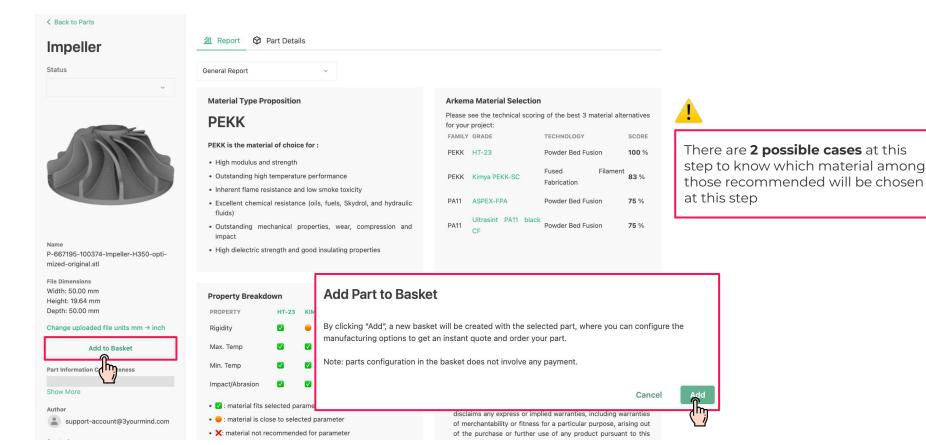
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- If relevant in your use case, please check Arkema medical policy

Order a part -Create a quote -Create a request

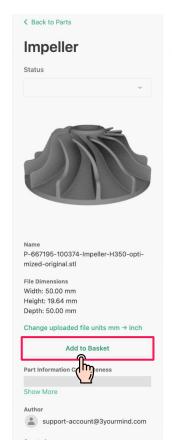
From a qualified supplier



From AMPI (material selector) to Order Management



Which material is selected? Case 1



impact

PROPERTY

Max. Temp

Min. Temp

Impact/Abrasion

• V : material fits selected parameter

• @: material is close to selected parameter

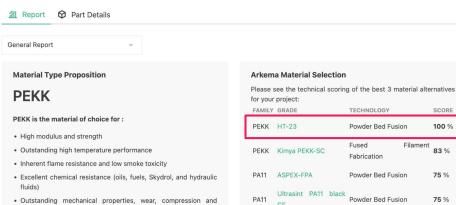
• X: material not recommended for parameter

Rigidity

Property Breakdown

· High dielectric strength and good insulating properties

HT-23 KIMYA PEKK-SC



ASPEX-FPA



SCORE

100 %

83 %

75 %

75 %

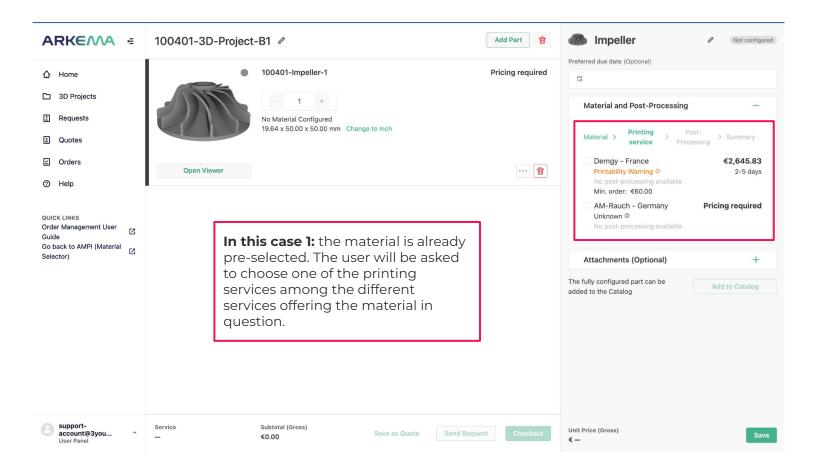
Case 1: Only one material recommended

If only one material has the best score then this material will be automatically pre-selected when you click on "Add to Basket".

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Which material is selected? Case 1



Which material is selected? Case 2

₩ Report Part Details

Property Breakdown

HP 3D HR PA11 PA 1101 ULTRASINT PA11

PROPERTY

Elongation

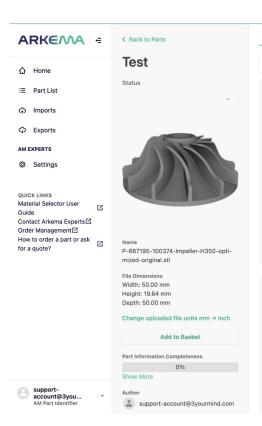
Elongation Z

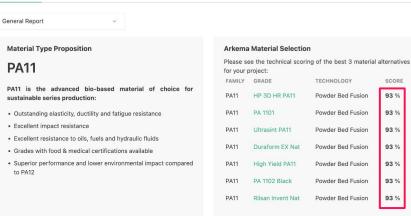
Rigidity

Max. Temp

Min. Temp

Mechanical Constraints







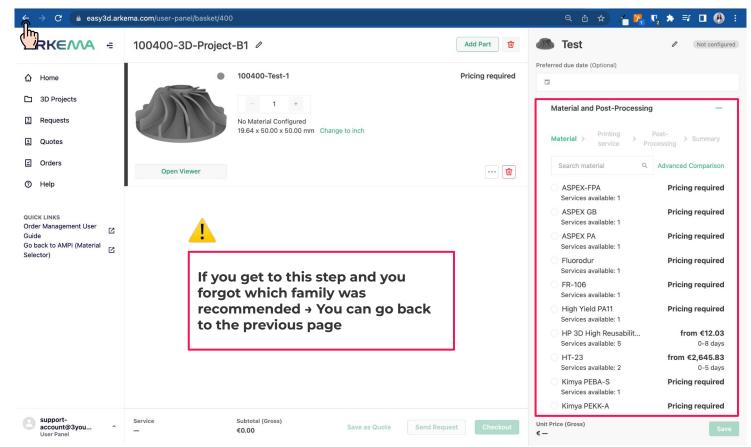
Case 2: Multiple materials with the same score

If several materials have the same best score then no material will be pre-selected when you click "Add to Basket" → It's up to you to choose the material you want from the materials offered by the office services

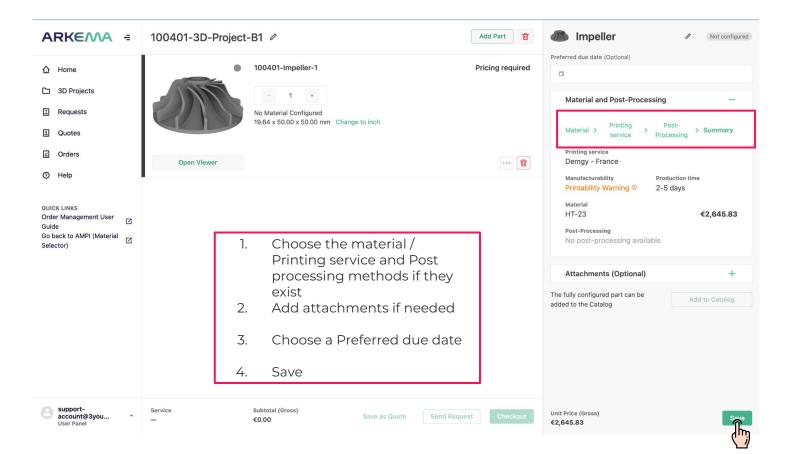
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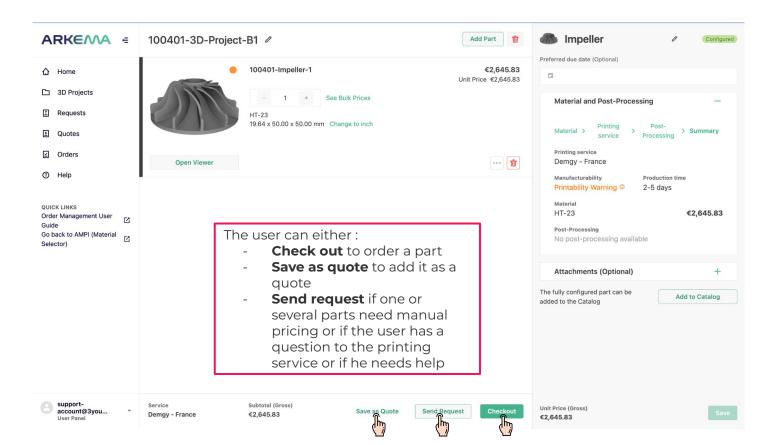
What to do in case 2 if you forgot which family of materials was recommended?



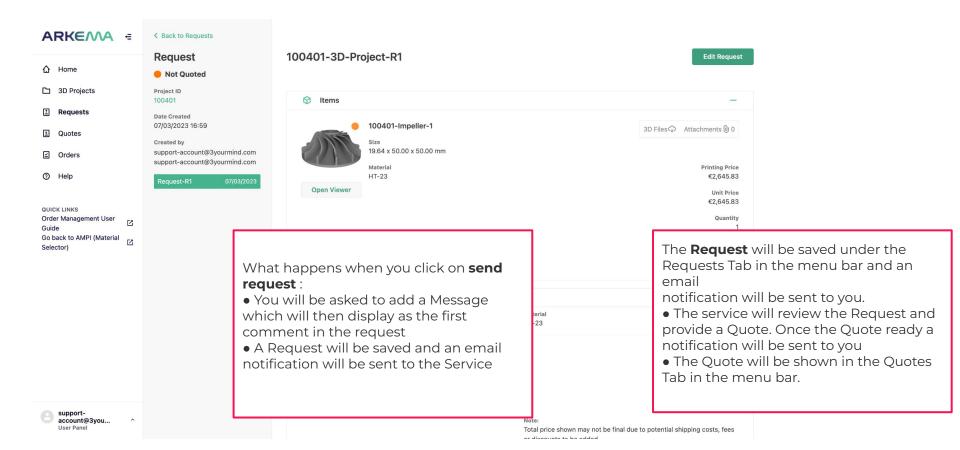
Fill in the basket



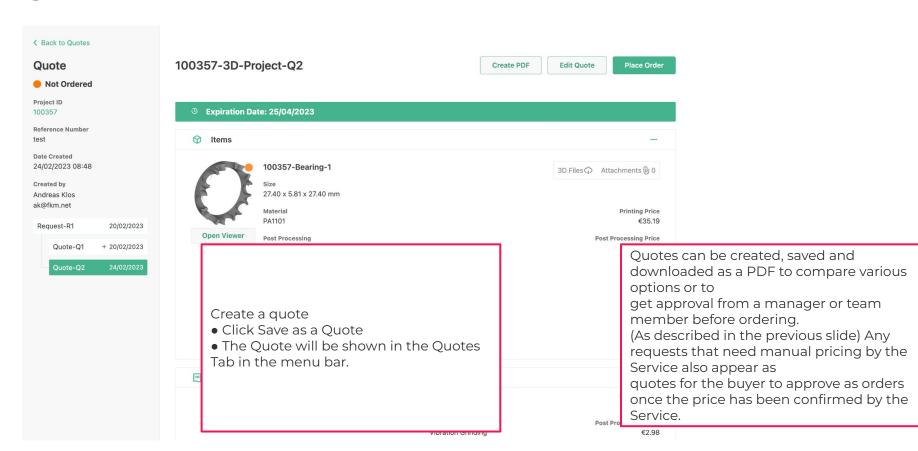
Order / Create a quote / Send Request



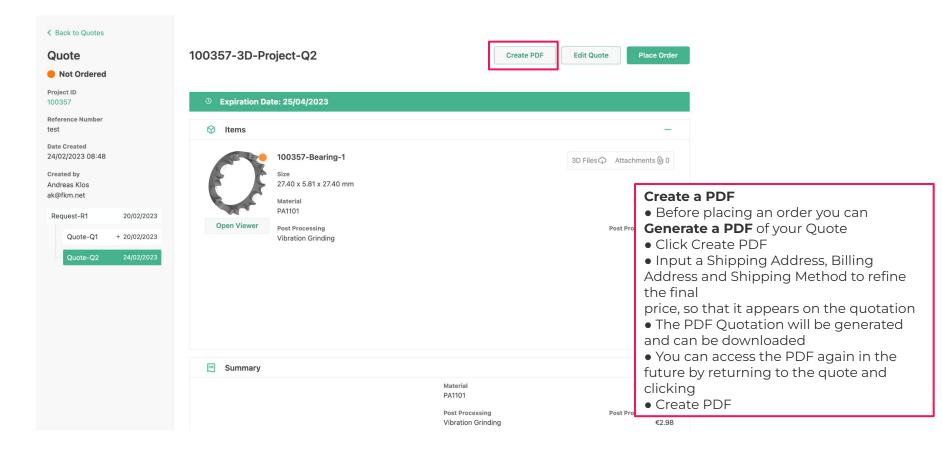
Requests



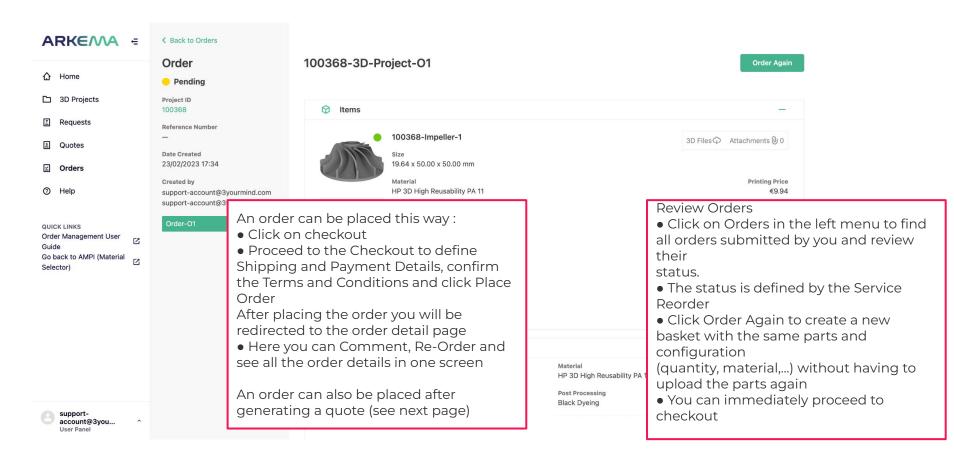
Quotes



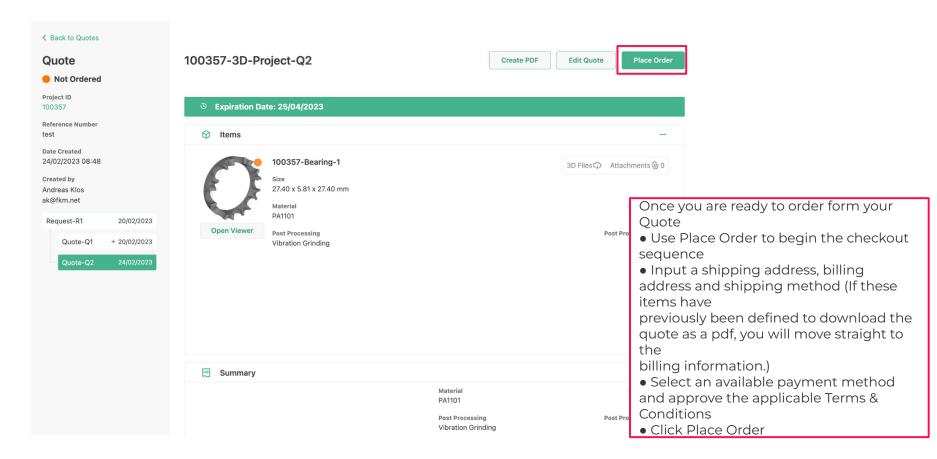
Quotes - Create a PDF



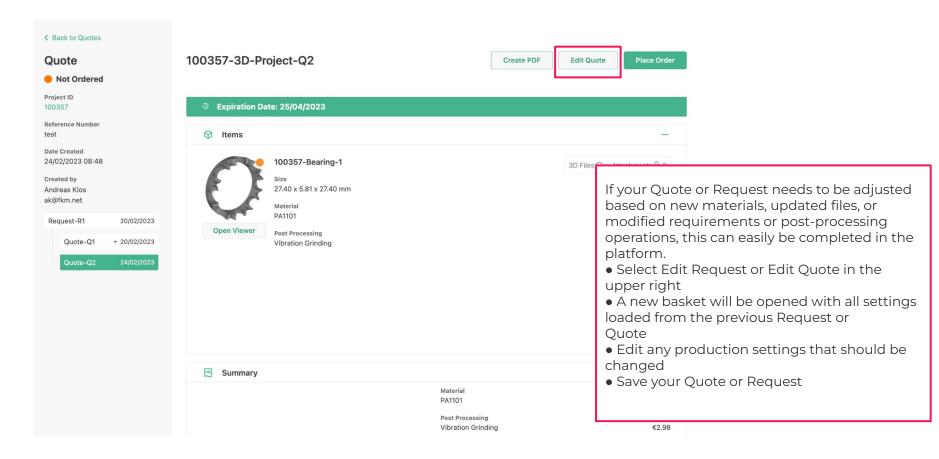
Orders



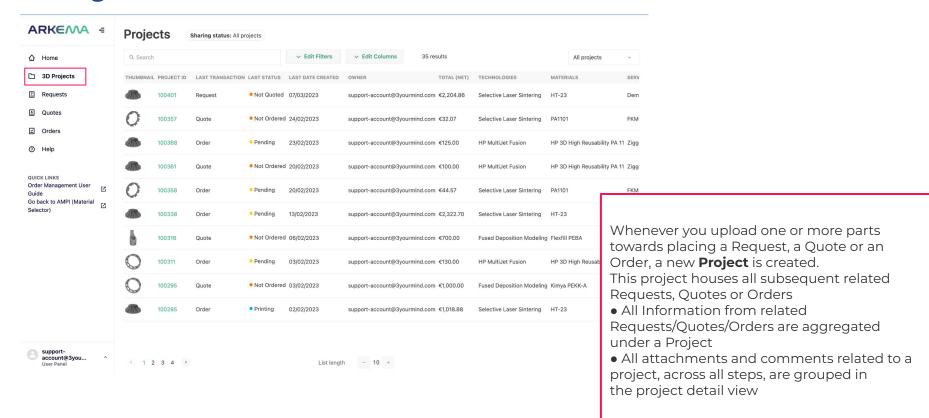
Orders - Create an order from a quote



Editing Existing Requests / Quotes



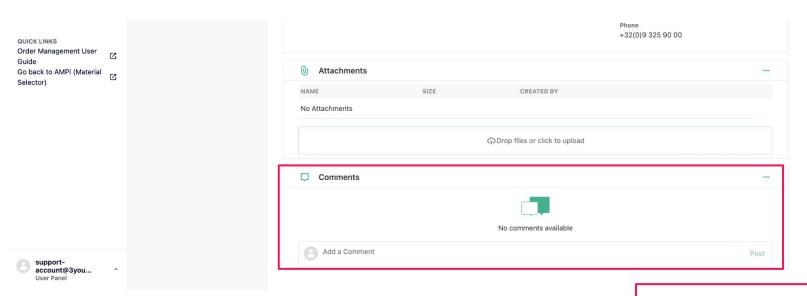
Projects



Communicate with the service bureau



Comments - communicate with the service bureau



- Each Request, Quote and Order maintains its own specific comment stream.
- Open a Request, Quote or Order
- Scroll down to see all current Comments.
- By using Add a Comment, you can send a message directly to our team.

Track the status of orders/quotes/requests



How to track the sales transactions?

