

VICTREX LMPAEK™ POLYMER 101 FPD10

General Information

Product Description

VICTREX LMPAEK 101 FPD10 is a high performance thermoplastic material, a PEEK based copolymer in the PEEK semi crystalline family. The powder may be used for coating / spraying. Natural / beige in colour.

Material Properties

Physical	Nominal Value	Unit	Test Method
Density (Crystalline)	1.25	g/cm ³	ISO 1183
Apparent (Bulk) Density	0.28	g/cm ³	ISO 1183
Average Particle Size D50	10	µm	ISO 13320-1
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature ¹ (Midpoint)	153	°C	ISO 11357
Melting Temperature ¹	305	°C	ISO 11357
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (400°C)	175	Pa·s	ISO 11443

Additional Information

Drying Temperature / Time: 150°C / 3h or 120°C / 5h (residual moisture <0.02%)

Curing Temperature: Oven curing at 340 - 360°C / 5 – 10 min

Important notes:

1. Data are generated in accordance with prevailing national, international and internal standards, and should be used for material comparison. Actual property values are highly dependent on part geometry, mould configuration and processing conditions. Properties may also differ for along flow and across flow directions.
2. PEEK – PolyEtherEtherKetone
3. PAEK - PolyArylEtherKetone

Data available on our website www.victrex.com or upon request.

Notes

¹ 2nd Cycle

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This information is provided "as is". It is not intended to amount to advice. Use of the product is at the customer's/user's risk. It is the customer's/user's responsibility to thoroughly test the product in each specific application to determine its performance, efficacy and safety for each end-use product, device or other application and compliance with applicable laws, regulations and standards. Mention of a product is no guarantee of availability. Victrex reserves the right to modify products, data sheets, specifications and packaging. **Victrex makes no warranties, express or implied (including, without limitation, any warranty of fitness for a particular purpose or of intellectual property non-infringement) and will not be liable for any loss or damage of any nature (however arising) in connection with customer's/user's use or reliance on this information, except for any liability which cannot be excluded or limited by law.** This document may be modified or retracted at any time without notice to the customer/user.

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