

FS3300PA-F

Developed for FLIGHT® Technology

Advanced PA12-based Polymer Material suits a wide range of Industrial Applications

Key Features:

- > Optimized formula for ease of process
- > Balanced performance of thermal / feature properties
- > High material re-usability

Example Applications:

- > Perfect for functional parts series production
- > Complex geometries
- > High-quality prototypes
- > Versatile use for many industry applications

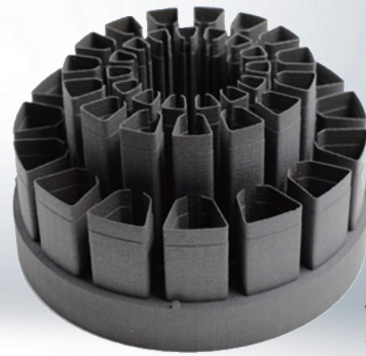
[Technical Data]

General Properties	Bulk Density	0.52 g/cm ³
	Part Density	1.02 g/cm ³
	Color	Black
Thermal Properties	Melting Point (10°C/min) <small>ISO 11357-1:2020</small>	184 °C
	Heat Deflection Temp(HDT) @1.8 MPa <small>ISO 78-1:2020</small>	53 °C
	Heat Deflection Temp(HDT) @0.45 MPa <small>ISO 78-1:2020</small>	147 °C
Mechanical Properties	Tensile Strength <small>ISO 527-1:2019</small>	48.2 MPa
	Tensile Modulus <small>ISO 527-1:2019</small>	1820 MPa
	Elongation at Break <small>ISO 527-1:2018</small>	22%
	Flexural Strength <small>ISO 178:2019</small>	60.4 MPa
	Flexural Modulus <small>ISO 178:2019</small>	1640 MPa
	Izod Impact Strength (notched) <small>ISO 180:2019</small>	8.0 KJ/m ²
	Izod Impact Strength (unnotched) <small>ISO 180:2019</small>	20 KJ/m ²

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Automotive HVAC Defrost Duct
System: FLIGHT® HT403P



Wire Frame
System: FLIGHT® HT403P

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