

Product Description

15% Glass Fiber, Hydrolysis Resistant, UV Resistant, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· >PA 6.6 GF15<
Additive	· Heat Stabilized
Processing	· Injection Molding
Color	· Black

Physical	Value	Unit	Method
Density / Specific Gravity	1,22 to 1,23	g/cm ³	ASTM D 792
Ash content	13 to 17	%	ASTM D 2584
Mold Shrinkage	0,6 to 0,9	%	ASTM D 955
Humidity Absorption	1,3	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile strenght	117	MPa	ASTM D 638
Elongation at break	3,5	%	ASTM D 638
Flexural strenght	160	MPa	ASTM D 790
Flexural Modulus	4900	MPa	ASTM D 790
Notched Izod Impact 23°C	48	J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	260	°C	ASTM D 2117
Heat Deflection Temperature 1,82 MPa	238	°C	ASTM D 648
Flammability	HB		UL 94

Electrical	Dry	Unit	Method
Volume Resistivity	10 ¹⁴	Ω.cm	ASTM D 257

Process		Unit	Method
Molding Process Temperature	260 to 280	°C	--
Mold Temperature	70 to 100	°C	--
Stuffing Static (Tray)	90 / 3	°C/Hours	--
Maximum Moisture Content for process	0,2	%	--

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