Omnix® 9050 NT 000

PAMXD6-GF50 Syensqo

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**17000**	MPa	ISO 527
Yield stress	**235**	MPa	ISO 527
Strain at break	**2.1**	%	ISO 527
Flexural modulus, 23°C	**15000**	MPa	ISO 178
Izod impact strength, +23°C	**75**	kJ/m²	ISO 180/1U
Izod notched impact strength, +23°C	**13**	kJ/m²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**248**	°C	ISO 75-1/-2
Burning behav. at thickness h	**HB**	class	IEC 60695-11-10
ASTM Data			
Melting Temperature	**260**	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	**1600**	kg/m³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80**	°C	-
Pre-drying - Time	**4 - 12**	h	-
Melt temperature	**275 - 290**	°C	-
Mold temperature	**80 - 120**	°C	-
Zone 1	**250**	°C	-
Zone 2	**285**	°C	-

Characteristics

Processing
Injection Molding

Delivery form
Pellets, Natural Color

Special Characteristics
High impact or impact modified

Applications
Automotive, Electrical and Electronical

Regional Availability
North America, Europe, Asia Pacific, South and Central America, Near East/Africa

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