

Omnix® 9050 BK 000

PAMXD6-GF50

Syensqo

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Density, 73 °F	1600	kg/m ³	ASTM D 792

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
Notched Impact Strength (Izod), 23 °C	13	kJ/m ²	ISO 180/1A
Impact Strength (Izod), 23 °C	75	kJ/m ²	ISO 180/1U

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	UL 94
ASTM Data			
Melting Temperature	260	°C	ASTM D 3418

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

Special Characteristics

Impact modified

Delivery form

Pellets, Black

Applications

Automotive, Electrical and Electronical

Disclaimer

Liability Exclusion

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