

Omnix® 9050 NT 000
PAMXD6-GF50

Syensqo

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Density, 73°F	1600	kg/m³	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/m²	ISO 180/1A
Impact Strength (Izod), 23°C	75	kJ/m²	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, Natural Color

Applications

Automotive, Electrical and Electronical