

DYNAMIDE® GF

Glass Fiber Reinforced Polyamide

MECHANICAL PROPERTIES	TEST METHOD	X-Y AXIS	Z AXIS
Tensile Strength	ASTM D638	85 MPa	61,5 MPa
Young's Modulus	ASTM D638	4400 MPa	3300 MPa
Flexural Strength	ASTM D790	135 MPa	
Flexural Modulus	ASTM D790	4500 MPa	
Charpy Impact Strength	ASTM D256	16,5 (Kj/m2)	
Tensile Elongation at Break(%)	ASTM D638	3,5	2,8

PHYSICAL PROPERTIES	TEST METHOD	VALUE
Melting Temperature	DCS, 10 °C/min	215 °C
Crystallization Temperature	DCS, 10 °C/min	173 °C
Heat Deflection Temperature	ISO 75 1.8 MPa	122 °C
Heat Deflection Temperature	ISO 75 0.45 MPa	190 °C
Glass Transition Temperature	DCS, 10 °C/min	75 °C
Density	ASTM D792	1.2 (g/cm3)

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