

Tufnyl[®] RGF33W Black

PA66—GF33

33% Glass Fiber Reinforced, Injection Molding

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES			
	VALUE		
Tensile modulus	10000	MPa	ISO 527–1/–2
Stress at break	135	MPa	ISO 527–1/–2
Strain at break	2	%	ISO 527–1/–2
Flexural modulus	8000	MPa	ISO 178
Flexural strength	220	MPa	ISO 178
Charpy notched impact strength (+23°C)	8	kJ/m ²	ISO 179/1eA
Izod notched impact strength (+23°C)	9	kJ/m ²	ISO 180/1A
THERMAL PROPERTIES			
	VALUE		
Melting temperature (10°C/min)	260	°C	ISO 11357–1/–3
Temp. of deflection under load (1.80 MPa)	220	°C	ISO 75–1/–2
OTHER PROPERTIES			
	VALUE		
Density	1380	kg/m ³	ISO 1183
Ash content	33	%	ISO 3451

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