

Tufnyl[®] RGF25 Black

PA66–GF25

Injection Molding, 25% Glass Fiber Reinforced

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES		DRY / COND	
Tensile modulus	8500 / –	MPa	ISO 527–1/–2
Stress at break	140 / –	MPa	ISO 527–1/–2
Nominal strain at break	3 / –	%	ISO 527–1/–2
Flexural modulus	6500 / –	MPa	ISO 178
Flexural strength	180 / –	MPa	ISO 178
Izod notched impact strength (+23°C)	7 / –	kJ/m²	ISO 180/1A
THERMAL PROPERTIES		DRY / COND	
Melting temperature (10°C/min)	260 / *	°C	ISO 11357–1/–3
Temp. of deflection under load (1.80 MPa)	230 / *	°C	ISO 75–1/–2
OTHER PROPERTIES		DRY / COND	
Density	1320 / –	kg/m³	ISO 1183
Ash content	25	%	ISO 3451

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