

Tufnyl™ RGF15 Natural

PA66–GF15

Injection Molding, 15% Glass Fiber Reinforced

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	DRY / COND		
Molding shrinkage (parallel)	0.4 / *	%	ISO 294–4
Molding shrinkage (normal)	1.1 / *	%	ISO 294–4
MECHANICAL PROPERTIES	DRY / COND		
Strain at break	3.5 / –	%	ISO 527–1/–2
Yield stress	115 / –	MPa	ISO 527–1/–2
Flexural modulus	4500 / –	MPa	ISO 178
Flexural strength	180 / –	MPa	ISO 178
Izod notched impact strength (+23°C)	6.5 / –	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)	220 / *	°C	ISO 75–1/–2
OTHER PROPERTIES	DRY / COND		
Density	1240 / –	kg/m³	ISO 1183
Ash content	15	%	ISO 3451

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