

Tufnyl™ SGF22 Natural

PA6–GF22

Injection Molding, 22% Glass Fiber Reinforced

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES			
	DRY / COND		
Stress at break	140 / –	MPa	ISO 527–1/–2
Strain at break	3 / –	%	ISO 527–1/–2
Flexural modulus	6000 / –	MPa	ISO 178
Flexural strength	200 / –	MPa	ISO 178
Izod notched impact strength (+23°C)	7 / –	kJ/m²	ISO 180/1A
THERMAL PROPERTIES			
	DRY / COND		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357–1/–3
Temp. of deflection under load (1.80 MPa)	190 / *	°C	ISO 75–1/–2
OTHER PROPERTIES			
	DRY / COND		
Density	1240 / –	kg/m³	ISO 1183
Ash content	22	%	ISO 3451

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