

Tufbet[®] BB30A1 RED320

PBT–GF30

Injection Molding, 30% Glass Fiber Reinforced

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	VALUE		
Melt volume–flow rate (MVR)	20	cm ³ /10min	ISO 1133
Temperature	250	°C	ISO 1133
Load	2.16	kg	ISO 1133
MECHANICAL PROPERTIES	VALUE		
Tensile modulus	9500	MPa	ISO 527–1/–2
Yield stress	120	MPa	ISO 527–1/–2
Yield strain	2.5	%	ISO 527–1/–2
Stress at break	120	MPa	ISO 527–1/–2
Strain at break	2.5	%	ISO 527–1/–2
Charpy impact strength (+23°C)	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	8	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES	VALUE		
Melting temperature (10°C/min)	225	°C	ISO 11357–1/–3
OTHER PROPERTIES	VALUE		
Density	1520	kg/m ³	ISO 1183

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