Property Data (Provisional)

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Tufnyl™ SB15H1Black951

PA6–GF15

UV Stabilized, 15% Glass Fiber Reinforced

Print Date: 2026–02–25

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	DRY / COND		
Molding shrinkage (parallel)	0.4 / *	%	ISO 294–4
Molding shrinkage (normal)	1 / *	%	ISO 294–4
MECHANICAL PROPERTIES	DRY / COND		
Tensile modulus	5900 / –	MPa	ISO 527–1/–2
Stress at break	125 / –	MPa	ISO 527–1/–2
Strain at break	3 / –	%	ISO 527–1/–2
Flexural modulus	4700 / –	MPa	ISO 178
Flexural strength	185 / –	MPa	ISO 178
Charpy impact strength (+23°C)	45 / –	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6 / –	kJ/m²	ISO 179/1eA
THERMAL PROPERTIES	DRY / COND		
Melting temperature (10°C/min)	200 / *	°C	ISO 11357–1/–3
Temp. of deflection under load (1.80 MPa)	170 / *	°C	ISO 75–1/–2
OTHER PROPERTIES	DRY / COND		
Density	1230 / –	kg/m³	ISO 1183