



## CELSTRAN<sup>®</sup> TPU-GF50-01 AF3001 NATURAL CELSTRAN® Long Fibre

50% long strand fiber glass reinforced thermoplastic polyurethane

## Product information

Resin Identification Part Marking Code	>	TPU-LGF50 TPU-LGF50<		ISO 1043 ISO 11469
Typical mechanical properties				
Tensile modulus Tensile stress at break, 5mm/min Tensile strain at break, 5mm/min Flexural modulus Flexural strength Charpy notched impact strength, 23° Poisson's ratio [C]: Calculated	С	2.2 13700 380	MPa % MPa MPa kJ/m <sup>2</sup>	ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 178 ISO 179/1eA
Thermal properties				
Temperature of deflection under load annealed Physical/Other properties	, 1.8 MPa,	162	°C	ISO 75-1/-2
Density		1630	kg/m³	ISO 1183
Characteristics				
Processing	Injection Mouldin	g		
Delivery form	Pellets			
Special characteristics	Low Warpage			

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