

Techmer ES HiFill® TPU 85A 0152 S1

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Availability: North America Forms: Pellets Filler/Reinforcement: Metal Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-HiFill-TPU-85A-0152-S1.php

Physical Properties	Metric	English	Comments
Density	1.52 g/cc	0.0549 lb/in ³	ASTM D792
Water Absorption	0.20 %	0.20 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D785
Tensile Strength at Break	54.5 MPa	7900 psi	ASTM D638
Elongation at Break	560 %	560 %	ASTM D638
200% Modulus	0.00758 GPa	1.10 ksi	ASTM D412
Flexural Modulus	0.0862 GPa	12.5 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	72.8 °C	163 °F	ASTM D1525

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