

A. Schulman POLYPUR™ FPU 1185 Thermoplastic Polyurethane Compound

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded , Polyurethane, TP

Material Notes:

Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYPUR-FPU-1185-Thermoplastic-Polyurethane-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	15 sec delay; ASTM D2240
Tensile Strength, Ultimate	34.0 MPa	4930 psi	20 in/min, at max load; ASTM D638
Elongation at Break	500 %	500 %	ASTM D412
Flexural Modulus	0.0270 GPa	3.92 ksi	1.3 mm/min; ASTM D790
Tear Strength	87.7 kN/m	500 pli	2 in/min; ASTM D624
Compression Set	16 %	16 %	Method B, 22 h, 23°C; ASTM D395
	65 %	65 %	Method B, 22 h, 70°C; ASTM D395

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