

A. Schulman POLYFORT™ FPP 1244 Mineral Filled, General Purpose Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

Description Polyfort® FPP 1244 is a 40% mineral filled general purpose polypropylene for parts requiring ultra high stiffness, heat resistance and strength. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-1244-Mineral-Filled-General-Purpose-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM D792
Melt Flow	10 - 20 g/10 min	10 - 20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength at Break	44.8 MPa	6500 psi	at max load; ASTM D638
Elongation at Yield	6.0 %	6.0 %	at max load; ASTM D638
Flexural Modulus	5.86 GPa	850 ksi	ASTM D790
Izod Impact, Notched	0.214 J/cm	0.400 ft-lb/in	ASTM D256
Izod Impact, Unnotched	2.14 J/cm	4.00 ft-lb/in	ASTM D256
Gardner Impact	0.678 J	0.500 ft-lb	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China