

Fiberfil® PP-60/TC/15/VO/ND Polypropylene Homopolymer, 15% Talc Filled, Flame Retardant

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Information provided by FIBERFIL Engineered Plastics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fiberfil-PP-60TC15VOND-Polypropylene-Homopolymer-15-Talc-Filled-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.45 g/cc	1.45 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.0 MPa	3190 psi	ISO 527
Elongation at Yield	4.0 %	4.0 %	ISO 527
Flexural Strength	37.9 MPa	5500 psi	ISO 178
Flexural Modulus	1.65 GPa	240 ksi	ISO 178
Izod Impact, Notched (ISO)	2.10 kJ/m ²	0.999 ft-lb/in ²	ISO 180/1A
Izod Impact, Unnotched (ISO)	13.5 kJ/m ²	6.42 ft-lb/in ²	ISO 180/1U

Thermal Properties	Metric	English	Comments
Heat of Fusion	40.0 J/g	17.2 BTU/lb	Primary; ASTM D3418
Melting Point	162 °C	323 °F	Primary; ASTM D3418
Flammability, UL94	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	

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