

Qualchem Danaprop PP1GF-30 Polypropylene, 30% Glass Fiber

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Polypropylene (co-polymer) reinforced with glass fiber Information provided by Qualchem Zrt.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Qualchem-Danaprop-PP1GF-30-Polypropylene-30-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Filler Content	28 - 32 %	28 - 32 %	
Linear Mold Shrinkage	0.0016 cm/cm	0.0016 in/in	ASTM D955
Melt Flow	10 g/10 min	10 g/10 min	ASTM D1238L

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	96.0 MPa	13900 psi	50 mm/min; ASTM D638
Elongation at Break	4.5 %	4.5 %	ASTM D638
Tensile Modulus	7.79 GPa	1130 ksi	ASTM D638
Flexural Strength	135 MPa	19600 psi	10mm/min; ASTM D790
Flexural Modulus	5.70 GPa	827 ksi	ASTM D790
Charpy Impact, Notched	0.900 J/cm ² @Temperature 23.0 °C	4.28 ft-lb/in ² @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	160 °C	320 °F	ASTM D648

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