

Aclo Accutech Polypropylene HP0315V Homopolymer High Heat

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

Material Notes:

Approved to GMP.PP.013

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-HP0315V-Homopolymer-High-Heat.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	ASTM D955
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	86	86	ASTM D785
Tensile Strength, Yield	38.6 MPa	5600 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Tensile Modulus	1.24 GPa	180 ksi	ASTM D638
Flexural Strength	40.0 MPa	5800 psi	ASTM D790
Flexural Modulus	1.45 GPa	210 ksi	ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	116 °C	241 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	57.8 °C	136 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	29.5 kV/mm	750 kV/in	

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