

Phillips 66 COPYLENE® CH180V Polypropylene, Homopolymer, BCF, UV, Gas Fading

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Fiber Grade

Material Notes:

COPYLENE™ CH180V is a high melt flow polypropylene homopolymer resin designed for fiber spinning applications that require resistance to gas fading. Applications: Filament Yarn, Geotextile & agriculture. Equivalent to Pro-fax® HL345P Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CH180V-Polypropylene-Homopolymer-BCF-UV-Gas-Fading.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D792
Melt Flow	18 g/10 min @Load 2.16 kg, Temperature 230 °C	18 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.5 MPa	5000 psi	2 in/min; ASTM D638
Elongation at Yield	9.0 %	9.0 %	ASTM D638

Descriptive Properties	Value	Comments
Process	Fiber	

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