

AKG Polymers Vision PP PPH BL1303 G30 Polypropylene Compound

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Glass Fiber Filler

Material Notes:

Vision consists of a complete assortment of high-quality compounds based on industrial PP waste. Applications: Automotive, Non-food packaging, Storage/transport systems, Road and hydraulic Engineering, Construction, Horticulture, Electronics. Information provided by AKG Polymers BV

Order this product through the following link:

http://www.lookpolymers.com/polymer_AKG-Polymers-Vision-PP-PPH-BL1303-G30-Polypropylene-Compound.php

Physical Properties	Metric	English	Comments
Density	1.13 - 1.17 g/cc	0.0408 - 0.0423 lb/in ³	Internal
Filler Content	28 - 32 %	28 - 32 %	Internal
Melt Flow	12 - 15 g/10 min @Load 2.16 kg, Temperature 230 °C	12 - 15 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	71 - 75	71 - 75	Internal
Flexural Modulus	>= 3.00 GPa	>= 435 ksi	ISO 178
Charpy Impact Unnotched	>= 7.80 J/cm ² @Temperature 23.0 °C	>= 37.1 ft-lb/in ² @Temperature 73.4 °F	DIN 53453
Charpy Impact, Notched	>= 0.280 J/cm ² @Temperature 23.0 °C	>= 1.33 ft-lb/in ² @Temperature 73.4 °F	DIN 53453
Falling Dart Impact	>= 0.488 J @Temperature 23.0 °C	>= 0.360 ft-lb @Temperature 73.4 °F	Internal

Descriptive Properties	Value	Comments
Application Area	automotive	
Color	Black	
Filler Type	Glass fiber chem. bonded	
Non-virgin Polymer Content (%), Min	65	
Process	injection moulding	

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