

AKG Polymers Vision PP PPH BL5003 Polypropylene Homopolymer Compound

Category : Polymer , Thermoplastic , Polypropylene (PP)

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-BL5003-Polypropylene-Homopolymer-Compound.php

Physical Properties	Metric	English	Comments
Density	0.900 - 0.920 g/cc	0.0325 - 0.0332 lb/in ³	Internal
Filler Content	<= 1.0 %	<= 1.0 %	Internal
Melt Flow	46 - 54 g/10 min @Load 2.16 kg, Temperature 230 °C	46 - 54 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	68 - 72	68 - 72	Internal
Flexural Modulus	>= 1.00 GPa	>= 145 ksi	ISO 178
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	>= 1.99 J @Temperature 23.0 °C	>= 1.47 ft-lb @Temperature 73.4 °F	Internal

Descriptive Properties	Value	Comments
Application Area	non-food packaging	
Color	Black	
Non-virgin Polymer Content (%), Min	99	
Process	injection moulding	
Specific Features	high fluidity	

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