

AKG Polymers Vision PP PPC BL1010 T20 Polypropylene Compound

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Talc 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-PPC-BL1010-T20-Polypropylene-Compound.php

Physical Properties	Metric	English	Comments
Density	1.03 - 1.07 g/cc	0.0372 - 0.0387 lb/in ³	Internal
Filler Content	18 - 22 %	18 - 22 %	Internal

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	61 - 65	61 - 65	Internal
Flexural Modulus	>= 1.80 GPa	>= 261 ksi	ISO 178
Charpy Impact Unnotched	NB	NB	DIN 53453
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	>= 1.00 J/cm ²	>= 4.76 ft-lb/in ²	DIN 53453
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Falling Dart Impact	>= 9.80 J	>= 7.23 ft-lb	Internal
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Application Area	automotive	
Color	Black	
Filler Type	Talc	
Non-virgin Polymer Content (%), Min	75	
Process	injection moulding	
Specific Features	high impact	

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