

Adell EQ-18 Homopolymer Polypropylene, 40% Mica Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Mica Filler

Material Notes:

Data provided by Adell Plastics, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Adell-EQ-18-Homopolymer-Polypropylene-40-Mica-Filled.php

Physical Properties	Metric	English	Comments
Density	1.235 g/cc	0.04462 lb/in ³	ASTM D792
Water Absorption	0.040 %	0.040 %	24 hour immersion; ASTM D570
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	72	72	ASTM D785
Hardness, Rockwell R	104	104	ASTM D785
Tensile Strength, Ultimate	32.4 MPa	4700 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	53.1 MPa	7700 psi	ASTM D790
Flexural Modulus	5.20 GPa	754 ksi	ASTM D790
Izod Impact, Notched	0.300 J/cm	0.562 ft-lb/in	ASTM D256
Izod Impact, Unnotched	2.10 J/cm	3.93 ft-lb/in	ASTM D256
Gardner Impact	0.300 J	0.221 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Melting Point	182 °C	360 °F	ASTM D789
Deflection Temperature at 0.46 MPa (66 psi)	141 °C	286 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	91.0 °C	196 °F	ASTM D648
Flammability, UL94	HB	HB	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China