

Adell RR-14 Copolymer Polypropylene, 20% Glass Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Glass Fiber Filler

Material Notes:

Data provided by Adell Plastics, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Adell-RR-14-Copolymer-Polypropylene-20-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.035 g/cc	0.03739 lb/in ³	ASTM D792
Water Absorption	0.050 %	0.050 %	24 hour immersion; ASTM D570
Linear Mold Shrinkage	0.0055 cm/cm	0.0055 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	53	53	ASTM D785
Hardness, Rockwell R	87	87	ASTM D785
Tensile Strength, Ultimate	60.7 MPa	8800 psi	ASTM D638
Elongation at Break	9.5 %	9.5 %	ASTM D638
Flexural Strength	73.1 MPa	10600 psi	ASTM D790
Flexural Modulus	3.30 GPa	479 ksi	ASTM D790
Izod Impact, Notched	0.900 J/cm	1.69 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.30 J/cm	8.06 ft-lb/in	ASTM D256
Gardner Impact	0.900 J	0.664 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Melting Point	160 °C	320 °F	ASTM D789
Deflection Temperature at 0.46 MPa (66 psi)	146 °C	295 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	138 °C	280 °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