

Adell RZ-14 Copolymer Polypropylene, 20% Calcium Carbonate Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Calcium Carbonate (CaCO3) Filler

Material Notes:

Data provided by Adell Plastics, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Adell-RZ-14-Copolymer-Polypropylene-20-Calcium-Carbonate-Filled.php

Physical Properties	Metric	English	Comments
Density	1.045 g/cc	0.03775 lb/in ³	ASTM D792
Water Absorption	0.020 %	0.020 %	24 hour immersion; ASTM D570
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	45	45	ASTM D785
Hardness, Rockwell R	66	66	ASTM D785
Tensile Strength, Ultimate	22.8 MPa	3310 psi	ASTM D638
Elongation at Break	>= 100 %	>= 100 %	ASTM D638
Flexural Strength	33.1 MPa	4800 psi	ASTM D790
Flexural Modulus	1.20 GPa	174 ksi	ASTM D790
Izod Impact, Notched	0.800 J/cm	1.50 ft-lb/in	ASTM D256
Izod Impact, Unnotched	11.7 J/cm	21.9 ft-lb/in	ASTM D256
Gardner Impact	13.6 J	10.0 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)	77.0 °C	171 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	49.0 °C	120 °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