

## Adell EL-16 Homopolymer Polypropylene, 30% Mineral Filled; Glass Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass/Mineral Reinforced

**Material Notes:**

Data provided by Adell Plastics, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Adell-EL-16-Homopolymer-Polypropylene-30-Mineral-Filled-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Adell-EL-16-Homopolymer-Polypropylene-30-Mineral-Filled-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.030 %	0.030 %	24 hour immersion; ASTM D570
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	69	69	ASTM D785
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Ultimate	48.3 MPa	7010 psi	ASTM D638
Elongation at Break	7.0 %	7.0 %	ASTM D638
Flexural Strength	65.5 MPa	9500 psi	ASTM D790
Flexural Modulus	4.80 GPa	696 ksi	ASTM D790
Izod Impact, Notched	0.500 J/cm	0.937 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.20 J/cm	5.99 ft-lb/in	ASTM D256
Gardner Impact	0.500 J	0.369 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)	154 °C	309 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	141 °C	286 °F	ASTM D648
Flammability, UL94	HB	HB	

**Contact Songhan Plastic Technology Co.,Ltd.**Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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