

## Adell BR-14 Nylon 6, 20% Glass Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 20% Glass Fiber Filled

**Material Notes:**

Data provided by Adell Plastics, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Adell-BR-14-Nylon-6-20-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Adell-BR-14-Nylon-6-20-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in <sup>3</sup>	ASTM D792
Water Absorption	1.2 %	1.2 %	24 hour immersion; ASTM D570
Linear Mold Shrinkage	0.0045 cm/cm	0.0045 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	88	88	ASTM D785
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Ultimate	117 MPa	17000 psi	ASTM D638
Elongation at Break	3.5 %	3.5 %	ASTM D638
Flexural Strength	152 MPa	22000 psi	ASTM D790
Flexural Modulus	6.20 GPa	899 ksi	ASTM D790
Compressive Yield Strength	138 MPa	20000 psi	ASTM D695
Izod Impact, Notched	0.800 J/cm	1.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	222 °C	432 °F	ASTM D789
Deflection Temperature at 0.46 MPa (66 psi)	216 °C	421 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	204 °C	399 °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**