

## Unitika A3130HR-25 PA6, 25% Mineral Reinforced, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 30% Mineral Filled

### Material Notes:

Information provided by Unitika Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unitika-A3130HR-25-PA6-25-Mineral-Reinforced-Conditioned.php](http://www.lookpolymers.com/polymer_Unitika-A3130HR-25-PA6-25-Mineral-Reinforced-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in <sup>3</sup>	ISO 1183
Water Absorption	1.4 % @Time 86400 sec	1.4 % @Time 24.0 hour	ISO 62
Moisture Absorption at Equilibrium	2.1 %	2.1 %	50% RH; ISO 62
Linear Mold Shrinkage, Flow	0.0060 - 0.010 cm/cm @Thickness 3.20 mm	0.0060 - 0.010 in/in @Thickness 0.126 in	
Linear Mold Shrinkage, Transverse	0.0060 - 0.010 cm/cm @Thickness 3.20 mm	0.0060 - 0.010 in/in @Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	98	98	ISO 2039
Tensile Strength at Break	47.0 MPa	6820 psi	ISO 527-1/-2
Elongation at Break	4.8 %	4.8 %	ISO 527-1/-2
Tensile Modulus	2.70 GPa	392 ksi	ISO 527-1/-2
Flexural Strength	60.0 MPa	8700 psi	ISO 178
Flexural Modulus	2.20 GPa	319 ksi	ISO 178
Charpy Impact Unnotched	6.50 J/cm <sup>2</sup>	30.9 ft-lb/in <sup>2</sup>	ISO 179-1
Charpy Impact, Notched	0.500 J/cm <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	ISO 179-1

Thermal Properties	Metric	English	Comments
CTE, linear	50.0 μm/m-°C	27.8 μin/in-°F	ISO 11359-2
Flammability, UL94	HB @Thickness 0.750 mm	HB @Thickness 0.0295 in	

## **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**