

E-Polymers TEKAMID® H14HT High Toughness PA/ABS Alloy

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS)/Nylon Blend , Nylon

Material Notes:

Polyamide (Nylon) Resin. TEKAMID is widely being used in manufacturing of automotive and industrial parts with its outstanding mechanical, thermal and chemical properties.H-series: PA6/ABS, PA66/ABS alloy (Unreinforced, GF reinforced, MR reinforced)Information Provided by E-Polymers Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-TEKAMID-H14HT-High-Toughness-PAABS-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Water Absorption	0.90 %	0.90 %	
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	
Linear Mold Shrinkage, Transverse	0.0070 cm/cm	0.0070 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	51.012 MPa	7398.7 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
Flexural Strength	76.52 MPa	11100 psi	ASTM D790
Flexural Modulus	2.0601 GPa	298.79 ksi	ASTM D790
Izod Impact, Notched	6.86 J/cm	12.9 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	80.0 °C	176 °F	ASTM D648
Flammability, UL94	HB	HB	

Processing Properties	Metric	English	Comments
Melt Temperature	220 °C	428 °F	
Mold Temperature	60.0 - 80.0 °C	140 - 176 °F	

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