

Wingate Alloys Winco Poly NLT Engineered UHMW

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), UHMW PE Ultra High Molecular Weight

Material Notes:

Winco Poly NLT is one of the oldest and most widely used engineered mechanical plastics. Its combination of toughness, dimensional stability, wear resistance, availability and versatility make it a natural choice for engineers looking to improve their project. Winco Poly NLT has performed well in replacing many metals and offers a design choice where noise reduction and long life are important. Winco Poly NLT is available in natural, black and blue. Advantages: Tough Wear resistant Chemical resistant High heat distortion temperature Easy machinability Dimensional stability Vibration resistant Applications and Industries: bushings and bearings, metal processing and forming, mining equipment, oil field applications, valves and pump, food processing and packaging equipment, material handling, textiles, wear strips, pulp and paper and marine Information from Wingate Alloys Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wingate-Alloys-Winco-Poly-NLT-Engineered-UHMW.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0410 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	120	120	
Tensile Strength	85.5 MPa	12400 psi	
Compressive Strength	82.7 MPa	12000 psi	
Izod Impact, Unnotched	0.641 J/cm	1.20 ft-lb/in	
Coefficient of Friction	0.35	0.35	
Abrasion	54	54	Resist Index

Thermal Properties	Metric	English	Comments
Melting Point	255 °C	491 °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