

TRU NYLA

ENGINEERED UHMW WITH NYLON

TRU NYLA 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. **TRU NYLA** has performed well in replacing many metals and offers a design choice where noise reduction and long life are important. **TRU NYLA** is available in natural, black and blue.

BENEFITS

- Tough
- Wear Resistant
- High heat distortion temperature
- Vibration Resistant
- Easy machinability
- Dimensional stability
- Chemical Resistant

APPLICATIONS & INDUSTRIES

- Bushings and Bearings
- Valves and Pumps
- Wear Strips
- Food Processing and Packaging Equipment
- Marine
- Material Handling
- Metal Processing and Forming
- Mining Equipment
- Oil Field Applications
- Pulp and Paper
- Textiles

PHYSICAL PROPERTIES

Tensile Strength:	12,400 PSI	Compressive Strength:	12,000 PSI
Impact Strength:	1.2 Ft-Lbs/In.	Hardness:	120 Dur.
Density:	0.041 Lbs/In³	Coefficient of Friction:	0.35
Melting Point:	491° F	Abrasion Resist Index:	54

AVAILABILITY

Available in Rod (starting at 1/8") and Sheet (starting at 1/16" thickness) in most standard sizes. Custom shapes and sizes available as well.

*Please ask a **TRU STEEL METALS** representative for more information