



GP80M-NY66

Nylon 6/6 Tubing



Product Description

Grayline GP80M-NY66 is an unmodified, semi-rigid tubing made from a heat stabilized nylon 6/6 resin. It has a high molecular weight that provides resistance to acids, zinc chloride and similar attacking reagents. Grayline GP80M-NY66 ranks among the toughest of all nylon materials.

*Standard Packaging: Reels or Cut to Customer Specifications.
Standard Color: Natural
Custom Colors and Sizes Available Upon Request*

Specifications

- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EC (RoHS2)
- EU Directive 2015/863 (RoHS3)

Features

- Continuous Operating Temperature is -85 to 100°C
- Low Temperature Applications
- Abrasion Resistant
- Heat Stabilized

PROPERTY	TYPICAL VALUE (DAM)	TYPICAL VALUE (50% RH)	TEST METHOD
Durometer Hardness, Rockwell M	80	60	ASTM D785
Tensile Strength (psi)	12,500	11,000	ASTM D638
Elongation (%)	90	>300	ASTM D412
Izod Impact, Notched @ 23°C (ft-lb/in)	1.20	2.49	ASTM D256
Izod Impact, Notched @ -40°C (ft-lb/in)	0.59	0.51	ASTM D256
Volume Resistivity (ohm-cm)	10 ¹⁵	10 ¹³	IEC 60093
Electric Strength (V/mil)	770	—	IEC 60243-1
Brittleness Temperature (°C)	-100	-85	ASTM D746
Oxygen Index (%)	28	—	ISO 4589-2

The values listed in this bulletin, to the best of our knowledge, are accurate. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise.