

Polyram PlusTek PD120BK11 Nylon 12 for Extrusion, UV Stabilized

Category : Polymer , Thermoplastic , Nylon , Nylon 12 , Nylon 12, Extrusion/Tubing Grade

Material Notes:

Nylon 12 UV stabilized for extrusion application. Information provided by Polyram.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-PlusTek-PD120BK11-Nylon-12-for-Extrusion-UV-Stabilized.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ISO 1183
Moisture Absorption at Equilibrium	0.70 %	0.70 %	50% RH; ISO 62
Water Absorption at Saturation	1.05 %	1.05 %	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ISO 527
Elongation at Break	400 %	400 %	ISO 527
Tensile Modulus	1.10 GPa	160 ksi	ISO 527
Flexural Strength	30.0 MPa	4350 psi	ISO 178
Flexural Modulus	0.350 GPa	50.8 ksi	ISO 178
Izod Impact, Notched (ISO)	NB	NB	ISO 180

Thermal Properties	Metric	English	Comments
Melting Point	175 °C	347 °F	ISO 11357
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

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