

DuPont Performance Polymers Hytrel® HTR8351 NC021 Polyester Elastomer TPC-ET (Unverified Data**)

Category : Polymer , Thermoplastic , Polyester, TP , Polyester Thermoplastic Elastomer

Material Notes:

30 Shore D Easy-to-Strip UV Stabilized Polyester Elastomer with Non-discoloring Stabilizer Developed for Extrusion Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Hytrel-HTR8351-NC021-Polyester-Elastomer-TPC-ET-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0070 cm/cm	0.0070 in/in	ISO 294-4 2577
Linear Mold Shrinkage, Transverse	0.0050 cm/cm	0.0050 in/in	ISO 294-4 2577
Melt Flow	10 g/10 min @Load 5.00 kg, Temperature 190 °C	10 g/10 min @Load 11.0 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	21	21	15s; ISO 868
Tensile Strength at Break	9.00 MPa	1310 psi	ISO 527-1/-2
Tensile Stress	1.10 MPa @Strain 5.00 %	160 psi @Strain 5.00 %	ISO 527-1/-2
	2.10 MPa @Strain 10.0 %	305 psi @Strain 10.0 %	ISO 527-1/-2
	5.30 MPa @Strain 50.0 %	769 psi @Strain 50.0 %	ISO 527-1/-2
Elongation at Break	210 %	210 %	ISO 527-1/-2
Tensile Modulus	0.0170 GPa	2.47 ksi	ISO 527-1/-2
Tear Strength	54.0 kN/m	308 pli	normal; ISO 34-1

Thermal Properties	Metric	English	Comments
Melting Point	160 °C	320 °F	10°C/min; ISO 11357-1/-3

Descriptive Properties	Value	Comments
Part Marking Code	>TPC-ET<	ISO 11469
Regional Availability	Asia Pacific	
	Europe	
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Resin Identification	TPC-ET	ISO 1043
Special Characteristics	Light stabilised or stable to light	
	U.V. stabilised or stable to weather	

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