

DuPont Performance Polymers Hytrel® SC969 NC010 Polyester Elastomer TPC-ET (Unverified Data**)

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

Material Notes:

63 Shore D High Performance Polyester Elastomer Developed for the Healthcare Industry Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Hytrel-SC969-NC010-Polyester-Elastomer-TPC-ET-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	<= 63	<= 63	ISO 868
Tensile Strength at Break	41.0 MPa	5950 psi	ISO 527-1/-2
Elongation at Break	>= 300 %	>= 300 %	ISO 527-1/-2
Tensile Modulus	0.260 GPa	37.7 ksi	ISO 527-1/-2
Charpy Impact, Notched	12.0 J/cm ²	57.1 ft-lb/in ²	Partial; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	211 °C	412 °F	10°C/min; ISO 11357-1/-3

Descriptive Properties	Value	Comments
Delivery Form	Pellets	
Part Marking Code	>TPC-ET<	ISO 11469
Processing	Casting	
	Film Extrusion	
	Injection Moulding	
	Other Extrusion	
	Profile Extrusion	
	Sheet Extrusion	
Regional Availability	Asia Pacific	

Descriptive Properties	Value	Comments
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Resin Identification	TPC-ET	ISO 1043
Special Characteristics	Light stabilised or stable to light	

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