

DuPont Performance Polymers Hytrel® SC976 NC010 Polyester Elastomer TPC-ET (Unverified Data)**

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

Material Notes:

72 Shore D High Performance Polyester Elastomer Developed for the Healthcare Industry Hytrel SC976 NC010 is a high modulus grade with nom. hardness of 72D contains a non-discoloring stabilizer and can be processed by various thermoplastic processing teInformation provided by DuPont Performance Polymers

Order this product through the following link:
http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Hytrel-SC976-NC010-Polyester-Elastomer-TPC-ET-nbspUnverified-Data.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	<= 72	<= 72	ISO 868
Tensile Strength at Break	53.0 MPa	7690 psi	ISO 527-1/-2
Elongation at Break	>= 300 %	>= 300 %	ISO 527-1/-2
Tensile Modulus	0.525 GPa	76.1 ksi	ISO 527-1/-2
Charpy Impact, Notched	3.30 J/cm²	15.7 ft-lb/in²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	218 °C	424 °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	
	Thermoforming	
Regional Availability	Asia Pacific	

Descriptive Properties	Europe 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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