

DuPont Performance Polymers Hytrel® PC938 NC010 Polyester Elastomer TPC-ET

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

Material Notes:

30 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-PC938-NC010-Polyester-Elastomer-TPC-ET.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	<= 30	<= 30	ISO 868
Tensile Strength at Break	24.0 MPa	3480 psi	ISO 527-1/-2
Elongation at Break	>= 300 %	>= 300 %	ISO 527-1/-2
Charpy Impact, Notched	NB	NB	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	177 °C	351 °F	10°C/min; ISO 11357-1/-3

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

Regional Availability Descriptive Properties	Asia Pacific Value	Comments
	Europe	
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Resin Identification	TPC-ET	ISO 1043
Special Characteristics	High impact or impact modified	
	Light stabilised or stable to light	

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