

DuPont Performance Polymers Hytrel® SC988 NC010 Polyester Elastomer TPC-ET (Unverified Data**)

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

Material Notes:

82 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-SC988-NC010-Polyester-Elastomer-TPC-ET-nbspUnverified-Data.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Density | 1.28 g/cc | 0.0462 lb/in ³ | ISO 1183 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|------------------------|----------------------------|--------------|
| Hardness, Shore D | <= 82 | <= 82 | ISO 868 |
| Tensile Strength at Break | 50.0 MPa | 7250 psi | ISO 527-1/-2 |
| Elongation at Break | >= 300 % | >= 300 % | ISO 527-1/-2 |
| Tensile Modulus | 1.18 GPa | 171 ksi | ISO 527-1/-2 |
| Charpy Impact, Notched | 1.50 J/cm ² | 7.14 ft-lb/in ² | ISO 179/1eA |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------|---------|--------------------------|
| Melting Point | 221 °C | 430 °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 | |

| Descriptive Properties | Value | Comments |
|-------------------------|-------------------------------------|----------|
| 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 | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China