

DuPont Performance Polymers Hytrel® SC938 NC010 Polyester Elastomer TPC-ET (Unverified Data**)

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

Material Notes:

30 Shore D High Performance Polyester Elastomer Developed for the Healthcare Industry Hytrel SC938 has very low modulus nom hardness of 30D containing non-discoloring stabilizer. Processed by thermoplastic processing techniques like injection molding alnformation provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Hytrel-SC938-NC010-Polyester-Elastomer-TPC-ET-nbspUnverified-Data.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 | |

| Descriptive Properties | Sheet Extrusion Value | Comments |
|-------------------------|-------------------------------------|----------|
| | Thermoforming | |
| 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 | |

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