

Spartech SP-3810 TPO/TPE Polyolefin Sheet

Category : Polymer , Thermoplastic , Polyethylene (PE) , TPO

Material Notes:

Description: Polyolefin Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-SP-3810-TPOTPE-Polyolefin-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.11 g/cc	1.11 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	69	69	ASTM D2240
Tensile Strength at Break	15.9 MPa	2300 psi	ASTM D638
Elongation at Break	375 %	375 %	ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	ASTM D790
Dart Drop	12.6 g/micron	320 g/mil	73Å°F; ASTM D3029

Thermal Properties	Metric	English	Comments
CTE, linear	55.8 Åµm/m-Å°C @Temperature 20.0 Å°C	31.0 Åµin/in-Å°F @Temperature 68.0 Å°F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	52.8 Å°C	127 Å°F	ASTM D648

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