

Spartech Soft Touch HDPE Polyolefin Skin/Specialty Sheet

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , Polyolefin

Material Notes:

Description: Specialty Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-Soft-Touch-HDPE-Polyolefin-SkinSpecialty-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.955 g/cc	0.955 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.8 MPa	3600 psi	ASTM D638
Flexural Yield Strength	65.5 MPa	9500 psi	ASTM D790
Flexural Modulus	1.14 GPa	165 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	126 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	70.0 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	ASTM D696
	@Temperature 20.0 $\text{Å}^\circ\text{C}$	@Temperature 68.0 $\text{Å}^\circ\text{F}$	
Deflection Temperature at 0.46 MPa (66 psi)	71.1 $\text{Å}^\circ\text{C}$	160 $\text{Å}^\circ\text{F}$	ASTM D648

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