

A. Schulman INVISION™ VX-5170UE Soft Touch Polyolefin Thermoplastic

Category : Polymer , Thermoplastic , Elastomer, TPE , Olefinic TPE , Polyolefin

Material Notes:

Description Invision™ VX-5170UE is a UV-stabilized polyolefin-based thermoplastic elastomer of 70 Shore A durometer, which has been formulated for easy processability, soft touch, low gloss, and excellent weatherability. Application Invision™ VX-5170UE is targeted for profile and sheet extrusion appearance and functional applications. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-INVISION-VX-5170UE-Soft-Touch-Polyolefin-Thermoplastic.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ISO 1183/1

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	71	71	15 sec delay; ISO 868
Tensile Strength at Break	4.90 MPa	711 psi	ISO 527
Tensile Strength, Yield	3.30 MPa @Strain 100 %	479 psi @Strain 100 %	ISO 527
Elongation at Break	>= 350 %	>= 350 %	ISO 527
Tear Strength	29.6 kN/m	169 pli	ISO 34/1

Descriptive Properties	Value	Comments
Colorfastness/Weatherability	1240 Delta E (kJ/m ²)	SAE J1885

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