

A. Schulman INVISION™ VX-5085UI Soft Touch Polyolefin Thermoplastic

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

Material Notes:

Description Invision™ VX-5085UI is a UV-stabilized polyolefin-based thermoplastic elastomer of 85 Shore A durometer, which has been formulated for easy moldability, soft touch, low gloss, and excellent weatherability. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-INVISION-VX-5085UI-Soft-Touch-Polyolefin-Thermoplastic.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.890 g/cc	0.890 g/cc	ISO 1183/1

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	15 sec delay; ISO 868
Tensile Strength at Break	7.40 MPa	1070 psi	ISO 527
Tensile Strength, Yield	4.70 MPa @Strain 100 %	682 psi @Strain 100 %	ISO 527
Elongation at Break	>= 350 %	>= 350 %	ISO 527
Tear Strength	45.0 kN/m	257 pli	ISO 34/1

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

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