

A. Schulman INVISION™ VX-5075UI Soft Touch Polyolefin Thermoplastic

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Description Invision™ VX-5075UI is a polyolefin-based thermoplastic of 75 Shore A durometer, which has been formulated for soft touch, mar resistance, low gloss, and excellent weatherability. Application Invision™ VX-5075UI is targeted for automotive injection molding appearance applications. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-INVISION-VX-5075UI-Soft-Touch-Polyolefin-Thermoplastic.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.880 g/cc	0.880 g/cc	ISO 1183/1

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	76	76	15 sec delay; ISO 868
Tensile Strength at Break	5.80 MPa	841 psi	ISO 527
Tensile Strength, Yield	3.60 MPa @Strain 100 %	522 psi @Strain 100 %	ISO 527
Elongation at Break	>= 350 %	>= 350 %	ISO 527
Tear Strength	34.0 kN/m	194 pli	ISO 34/1

Descriptive Properties	Value	Comments
Colorfastness/Weatherability	1240 Delta E (kJ/m^2)	SAE J1885
Fogging	0.9	SAE J1756, 95°C, Dry Fog

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