

Invision VX 5055UI

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Engineering Plastics

Product Description

Invision™ VX-5055UI is a polyolefin-based thermoplastic elastomer of 55 Shore A durometer, which has been formulated for superior processability, soft touch, low gloss, and weatherability. Invision™ VX-5055UI can be provided in Natural, Black and custom matched colors. It is recommended for applications requiring a material with the following properties:

General			
Features	• Excellent Weather Resistance	• Low Gloss	• Soft
Appearance	• Black	• Colors Available	• Natural Color
Processing Method	• Injection Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.902	0.900 g/cm³	ASTM D792
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain)	319 psi	2.20 MPa	ASTM D412
Tensile Strength (Break)	493 psi	3.40 MPa	ASTM D412
Tensile Elongation (Break)	320 %	320 %	ASTM D412
Tear Strength	120 lbf/in	21.0 kN/m	ASTM D624
Compression Set (73°F (23°C), 22 Hr)	24 %	24 %	ASTM D395
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness			ASTM D2240
Shore A, 10 Sec	58	58	
Shore A, 15 Sec	57	57	

Notes

These are typical property values not to be construed as specification limits.

