

## Technical Data Sheet

# 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.