

INDURE™ X220

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

INDURE™ X220 engineered polyolefin material is designed for large, molded-in-color automotive exterior applications that require good scratch-and-mar characteristics, high stiffness, and good dimensional stability.

Applications:

Exterior Applications

General Information			
Features	Good Dimensional Stability		
	High Stiffness		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	37	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ¹ (Yield)	20.0	MPa	ISO 527-2/50
Flexural Modulus (4.00 mm)	2100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact ² (23°C)	17.0	J	ASTM D3763
NOTE			
1.	150x10x4 specimen		
2.	2.20 m/sec		

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Recommended distributors for this material

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