

Hifax HSBMCB1158ACLS/3

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hifax HSBMCB1158ACLS/3 high melt flow, 1,200 MPa flexural modulus, mineral filled thermoplastic elastomeric olefin (TEO) resin has a unique balance of flow, rigidity, and paintability. It was designed primarily for thin-walled bumper fascia applications.

General Information			
Filler / Reinforcement	Mineral filler		
Features	Good dimensional stability		
	Rigid, good		
	Impact resistance, high		
	Sprayable		
	Good formability		
	High liquidity		
	Low temperature impact resistance		
Uses	Car anti-collision bar		
	Application in Automobile Field		
	Automotive exterior parts		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	1200	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B

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