Hifax HSBMCB1158ACLS/3

Compounded Polyolefin

Product Description

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.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Good Flow, High Impact Resistance , Low Temperature Impact Resistance, Good Moldability , Paintable, Good Stiffness
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.98	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	18	MPa
Tensile Strain at Yield	ISO 527-1, -2	10	%
Flexural modulus	ISO 178	1200	MPa
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	85	°C
Additional Information			
Mold shrinkage	ISO 294-4		