

Hifax TYS1148PC

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hifax TYS1148PC very high melt flow, medium low flexural modulus, thermoplastic elastomeric olefin (TEO) resin was designed for automotive exterior applications that require thermal stability over a broad temperature range, excellent flexibility, and weatherability.

General Information			
Features	Good Flexibility Good Thermal Stability Good Weather Resistance High Flow		
Uses	Automotive Applications Automotive Exterior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	45	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	10.0	MPa	ISO 527-2/50
Flexural Modulus ¹	310	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact ² (-30°C)	20.0	J	ASTM D3763
NOTE			
1.	2.0 mm/min		
2.	2.20 m/sec		

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