



Hifax TYS1148PC

Compounded Polyolefin

Product Description

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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Flexibility, Good Thermal Stability, Good Weather Resistance
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.90	g/cm ³
Melt flow rate (MFR) (230 °C/2,16 kg)	ISO 1133	45	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	10	MPa
Flexural modulus (2 mm/min)	ISO 178	310	MPa
Impact			
Multiaxial Impact Strength (-30 °C, 2.2 m/s)	ASTM D3763	20	J
Additional Information			
Mold shrinkage	ISO 294-4		
<i>Note: Please contact a LyondellBasell representative for shrinkage recommendations.</i>			

Notes

Typical properties; not to be construed as specifications.