Technical Data Sheet

Hifax TYS1148PC RXF BLACK

Polypropylene Compounds

Product Description

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

Application	Automotive Parts; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Flexibility; Good Thermal Stability; Good Weather Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	45	g/10 min	ISO 1133-1
Density	0.90	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	310	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	10	MPa	ISO 527-1, -2
Impact			
Multi-axial Impact Strength, (-30 °C, 2.2 m/s, 3.2 mm plaque)	20	J	ASTM D3763
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			