

Technical Data Sheet

Hifax TYC 1175P SILVER

Polypropylene Compounds

Product Description

Hifax TYC 1175P SILVER is a very high melt-flow, UV stabilized, scratch-resistant TPO compound typically used for automotive applications.

Application	Automotive Parts
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Moldability; High Flow; Scratch Resistant; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	40	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.04	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2100	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	25	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	105	°C	ISO 75B-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			