

Technical Data Sheet

Hifax TYC 1235P Volvo Black

Polypropylene Compounds

Product Description

Hifax TYC 1235P Volvo Black has a very high melt flow, very high flexural modulus, molded-in color, mineral-filled thermoplastic elastomeric olefin (TEO) resin that has an excellent balance of properties and processability. It is typically used for multiple automotive exterior trim applications.

Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Impact Resistance; Good Moldability; High Flow; High Stiffness; Low Shrinkage

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	29	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.08	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2800	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	22	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	26	kJ/m ²	ISO 179
(-30 °C)	3.2	kJ/m ²	ISO 179
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			