

Technical Data Sheet

Hifax TRD 1341X Black

Polypropylene Compounds

Product Description

Hifax TRD 1341X Black is a carbon fiber reinforced, electrically conductive thermoplastic olefinic resin for injection molding applications. It combines high stiffness, cold temperature ductility, very low CLTE, and excellent dimensional stability. It is typically used for exterior automotive applications.

Regulatory Status

For regulatory compliance information, see Hifax TRD 1341X Black [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Developmental
Availability	North America
Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Electrically Conductive; Good Dimensional Stability; Good Impact Resistance; High Stiffness; Low Shrinkage; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1
Density, (23 °C)	0.93	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus (22 °C)	2500	MPa	ISO 178
Tensile Stress at Yield	22	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (-30 °C)	5.0	kJ/m ²	ISO 179
Electrical			
Specific Surface Resistivity	1e+5	ohm/sq	IEC 93
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

Notes

These are typical property values not to be construed as specification limits.