

Technical Data Sheet

Hifax TRC 1230X BLACK



Polypropylene Compounds

Product Description

Hifax TRC 1230X BLACK thermoplastic polyolefin is typically used for paintable automotive and heavy-truck applications that require energy management combined with ductility, stiffness and impact resistance over a broad temperature range. This material exhibits excellent processability and dimensional stability.

Application	Automotive Parts; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Processability; Good Dimensional Stability; Paintable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C, Method A)	1.07	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	2300	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	40	kJ/m ²	ASTM D256
Multi-axial Impact Strength, (23 °C)	18	J	ASTM D3763
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			