

Technical Data Sheet

Hifax TRC 1230P 848 Black



Polypropylene Compounds

Product Description

Hifax TRC 1230P 848 Black thermoplastic polyolefin is typically used for 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

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, Method A)	1.10	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	2000	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	50	kJ/m ²	ISO 179
Multi-axial Impact Strength -20 °C	22	J	ASTM D3763
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			