



Hifax TRC 1230P

Compounded Polyolefin

Product Description

Hifax TRC 1230P thermoplastic polyolefin is designed 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.

Product Characteristics

Status	Commercial: Restricted
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Low Temperature Impact Resistance, Good Processability, Good Stiffness
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	1.07	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20	g/10 min
Mechanical			
Tensile Stress at Yield (23°C)	ISO 527-1, -2	19	MPa
Flexural modulus (2 mm/min)	ISO 178	2300	MPa
Impact			
Notched Izod Impact (23°C)	ASTM D 256	40	kJ/m ²
Multiaxial Impact Strength (23°C)	ASTM D3763	18	J
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.