



Hifax TRC 1204X

Compounded Polyolefin

Product Description

Hifax TRC 1204X has a very high melt flow, very high flexural modulus, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed for use in multiple automotive exterior applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Dimensional Stability, High Flow , Good Impact Resistance , Good Moldability , Paintable, Low Shrinkage, High Stiffness
Typical Customer Applications	Body Panels, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	30	g/10 min
Density (Method A)	ISO 1183	1.16	g/cm ³
Mechanical			
Tensile Stress at Yield (23°C)	ISO 527-1, -2	17	MPa
Flexural modulus (23°C)	ISO 178	2700	MPa
Additional Information			
Mold shrinkage	ISO 294-4		
<i>Note: Please contact LyondellBasell for shrinkage recommendations.</i>			

Additional Properties

Multi-axial instrumented impact, energy at max load at -10°C (2.2 m/sec) = 21 J (ductile failure mode). CLTE, Parallel = 2.70 E-05 1/°C. CLTE, Perpendicular = 2.70 E-05 1/°C.

Notes

Typical properties: not to be construed as specifications.