Hifax TRC 1204P

Compounded Polyolefin

Product Description

Hifax TRC 1204P has a very high melt flow, very high flexural modulus, 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 and for applications requiring high stiffness and low CLTE.

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 , Low Shrinkage, High Stiffness
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	1.16	g/cm³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	30	g/10 min
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		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Additional Properties

Multi-axial instrumented impact, energy at max load at -10°C (2.2 m/sec) = 21 J (ductile failure mode). CLTE, Parallel = 2.7 E-05 1/°C. CLTE, Perpendicular = 2.7 E-05 1/°C.

Notes

Typical properties; not to be construed as specifications.