Hifax TRC 835P

Compounded Polyolefin

Product Description

Hifax TRC 835P high melt flow, medium high flexural modulus, precolored, UV-stabilized, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties. It was designed primarily for automotive exterior trim applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	High Impact Resistance , Good Moldability , Good Weather Resistance
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	38	g/10 min
Density (23°C)	ISO 1183	1.03	g/cm³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19.5	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	8.0	%
Flexural modulus (23 °C)	ISO 178	1800	MPa
Impact			
Instrumented dart impact (-15 °C)	ASTM D 3763	26	J
Note: Ductile Failure Mode			
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	90	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.