Technical Data Sheet

Hifax TRC 779P 848

Polypropylene Compounds

Product Description

Hifax TRC 779P 848 high melt flow, 1,650 MPa flexural modulus, UV-stabilized, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It is typically used for multiple automotive exterior applications.

Application	Automotive Parts; Bumpers; 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)	25	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.03	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1650	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	16	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	4	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	45	kJ/m²	ISO 180
(-30 °C)	5.5	kJ/m²	ISO 180
Multi-axial Impact Strength, (-40°C, 2.2 m/s, 3.2 mm plaque)	23	J	ASTM D3763
Ductile failure mode.			
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			