

Hifax DRS715X

Compounded Polyolefin

Product Description

Hifax DRS715X high melt flow, 970 MPa flexural modulus, paintable thermoplastic elastomeric olefin (TEO) resin has an excellent balance of impact, stiffness, processability and paintability. It was designed primarily for painted automotive bumper fascias that require high durability.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Adhesion, Durable, Good Impact Resistance , Paintable, Good Stiffness
Typical Customer Applications	Automotive Parts, Bumpers

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.90	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	18	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	18	MPa
Tensile Strain at Yield	ISO 527-1, -2	7	%
Flexural modulus	ISO 178	970	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		43	kJ/m ²
(-40 °C)		7.1	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	87	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	53	°C
CLTE, Flow	ISO 11359-1, -2	10 x 10 ⁻⁵	cm/cm/°C
Note: Determined over a temperature range of -30°C to 100°C. Alternative test method is ASTM E 228-95.			

