

Hifax DRS715X

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

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.

General Information			
Features	Durable		
	Good Adhesion		
	Good Impact Resistance		
	Good Stiffness		
	Paintable		
Uses	Automotive Applications		
	Automotive Bumper		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Tensile Strain (Yield)	7.0	%	ISO 527-2
Flexural Modulus	970	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	7.1	kJ/m ²	
23°C	43	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	87.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	53.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	1.0E-4	cm/cm/°C	ASTM E228, ISO 11359-2

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