

Hifax DRS723X

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hifax DRS723X high melt flow, 1,000 MPa flexural modulus, precolored, reactor grade thermoplastic elastomeric olefin (TEO) resin has an excellent balance of impact, stiffness, processability and paintability. It is based on material produced from Basell's proprietary Catalloy process, and was designed primarily for painted automotive bumper fascias.

General Information			
Features	Durable		
	Good Adhesion		
	Good Dimensional Stability		
	Good Impact Resistance		
	Good Stiffness		
	Paintable		
Uses	Automotive Applications		
	Automotive Bumper		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	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)	6.0	%	ISO 527-2
Flexural Modulus	1000	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow (-30 to 100°C)	7.0E-5	cm/cm/°C	ASTM E228, ISO 11359-2

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