



Hifax DRS723X

Compounded Polyolefin

Product Description

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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Molding
Features	Good Adhesion, Good Dimensional Stability, Good Impact Resistance, Paintable, Good Stiffness, Durable
Typical Customer Applications	Bumpers

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.92 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	17 g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>		
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	18 MPa
Tensile Strain at Yield	ISO 527-1, -2	6 %
Flexural modulus	ISO 178	1000 MPa
Thermal		
CLTE, Flow	ISO 11359-1, -2	7.0 x 10 ⁻⁵ cm/cm/°C
<i>Note: Determined over a temperature range of -30°C to 100°C. Alternative test method is ASTM E 228-95.</i>		
Additional Information		
Mold shrinkage	ISO 294-4	
<i>Note: Please contact Basell for shrinkage recommendations.</i>		

Notes

Typical properties; not to be construed as specifications.

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- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
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