

Hifax RTA3223

Polyolefin
LyondellBasell Industries

Message:

Hifax RTA3223 medium melt flow, 1,600 MPa flexural modulus, paintable, mineral filled thermoplastic olefin (TPO) resin has a very good combination of strength, stiffness and dimensional stability. It was designed primarily for rigid automotive exterior ornamentation applications. Typical applications include automotive claddings and rocker panels, license plate brackets, appliques, filler panels and grilles.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Stiffness		
	High Strength		
	Medium Flow		
	Paintable		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	67		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	18.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	1600	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow (-30 to 100°C)	5.9E-5	cm/cm/°C	ASTM D696

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