

Hifax RTA3223

Compounded Polyolefin

Product Description

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.

Product Characteristics

Test Method used	ASTM
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Medium Flow, Good Impact Resistance , Paintable, Good Stiffness , High Strength
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	1.10	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	7	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1600	MPa
Tensile Strength @ Yield	ASTM D 638	18	MPa
Tensile Elongation @ Brk	ASTM D 638	50	%
Hardness			
Durometer Hardness (D Scale)	ASTM D 2240	67	
Thermal			
CLTE, Flow	ASTM D 696	5.9 x 10 ⁻⁵	cm/cm/°C
Note: Determined over a temperature range of -30°C to 100°C.			
Additional Information			
Mold shrink, Linear-Flow	ASTM D 955		
Note: Please contact Basell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.

