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## Hifax RTA3263UV

## **Compounded Polyolefin**

## **Product Description**

Hifax RTA3263UV medium melt flow 1,600 MPa flexural modulus, paintable, mineral filled thermoplastic olefin (TPO) resin has balanced rigidity, impact strength and dimensional stability. It was designed primarily for rigid automotive exterior ornamentation applications requiring good weatherability. Typical applications include automotive claddings, rocker panels, license plate brackets, appliques and filler panels.

## **Product Characteristics**

Status Commercial: Active

Test Method used ASTM

Availability North America

Processing Methods Injection Molding

Features Good Dimensional Stability, Medium Flow, Low

Temperature Impact Resistance, Paintable, High Rigidity,

Good Stiffness , Good UV Resistance, Good Weather

Resistance

**Typical Customer Applications** Automotive Parts, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	1.09	g/cm³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	8	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	40	%
Tear Strength	ASTM D 624	88 kN/m	
Note: Determined over a temperature range	of -30°C to 100°C.		
Impact			
Gardner Impact	ASTM D 5420	18 J	
Hardness			
Durometer Hardness (D Scale)	ASTM D 2240	68	
Thermal			
CLTE, Flow	ASTM D 696	5.9 x 10-5	cm/cm/°C
Additional Information			
Mold shrink, Linear-Flow	ASTM D 955	0.8/1.0	%
Note: After 48 hrs at 23°C (Tool)/After 1 hr a	at 121°C (Afterbake).		