

Hifax RTA3263EUV/1

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

Hifax RTA3263EUV/1 fractional melt flow, 1,700 MPa flexural modulus, UV-stabilized, mineral-filled, extrusion grade thermoplastic elastomeric olefin (TEO) resin has an excellent balance of stiffness, impact strength, weather resistance and processability. It was designed primarily for extruded automotive exterior profile applications.

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Good UV Resistance		
	Good Weather Resistance		
	Low Flow		
Uses	Automotive Exterior Parts		
	Profiles		
	Reinforced Panels		
	Sheet		
Forms	Pellets		
Processing Method	Extrusion		
	Pipe Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	67		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	1700	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	160	kN/m	ASTM D624
Impact	Nominal Value	Unit	Test Method

Gardner Impact	24.0	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	64.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	44.0	°C	ISO 75-2/A

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