

Hifax RTA3263EUV

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

"Hifax" RTA3263EUV fractional melt flow, 1,500 MPa flexural modulus, UV-stabilized, mineral-filled, extrusion grade thermoplastic elastomeric olefin (TEO) resin has an excellent combination of rigidity, impact resistance, melt strength, processability and weatherability. It was designed specifically for thermoformed applications.

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Good Impact Resistance		
	Good Melt Strength		
	Good Processability		
	Good Stiffness		
	Good UV Resistance		
	Good Weather Resistance		
	High Rigidity		
	Low Flow		
Uses	Profiles		
	Reinforced Panels		
	Sheet		
Forms	Pellets		
Processing Method	Pipe Extrusion		
	Sheet Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	19.0	MPa	
Break	21.0	MPa	
Tensile Elongation			ASTM D638
Yield	400	%	

Break	450	%	
	1200		
Flexural Modulus	1500	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	110	kN/m	ASTM D624
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	750	J/m	ASTM D256A
Gardner Impact	32.0	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	74.0	°C	ASTM D648
Brittleness Temperature	-30.0	°C	ASTM D746
CLTE - Flow	4.1E-5	cm/cm/°C	ASTM D696

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