



Hifax RTA3263EUV

Compounded Polyolefin

Product Description

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.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Methods	Extrusion Pipe Sheet and Semi Finished Products
Features	Low Flow , Good Impact Resistance , Good Melt Strength , Good Processability, High Rigidity , Good Stiffness , Good UV Resistance, Good Weather Resistance
Typical Customer Applications	Panels & Profiles

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	0.8 g/10 min
Mechanical		
Flexural Modulus	ASTM D 790	1200 MPa
		1500 MPa
Tensile Strength @ Yield	ASTM D 638	19 MPa
Tensile Strength @ Break	ASTM D 638	21 MPa
Tensile Elongation @ Yield	ASTM D 638	400 %
Tensile Elongation @ Brk	ASTM D 638	450 %
Tear Strength	ASTM D 624	110 kN/m
Impact		
Notched Izod Impact (23 °C)	ASTM D 256	750 J/m
Gardner Impact	ASTM D 5420	32 J
Hardness		
Durometer Hardness (D Scale)	ASTM D 2240	65
Thermal		
DTUL @66psi - Unannealed	ASTM D 648	74 °C
CLTE, Flow	ASTM D 696	4.1 x 10 ⁻⁵ cm/cm/°C
Brittleness Temperature	ASTM D 746	-30 °C

Notes

Typical properties; not to be construed as specifications.

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- ┆ Equistar Chemicals, LP
- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
- ┆ Basell International Trading FZE
- ┆ LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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