



Hifax ETA4161UV

Compounded Polyolefin

Product Description

Hifax ETA4161UV fractional melt flow, 1,200 MPa flexural modulus, UV-stabilized, extrusion grade thermoplastic elastomeric olefin (TEO) resin has an excellent combination of stiffness, impact resistance, melt strength, weatherability and processability. It was designed to accommodate specific 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, 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	0.91 g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	0.5 g/10 min
Mechanical		
Flexural Modulus	ASTM D 790	1200 MPa
Tensile Strength @ Yield	ASTM D 638	28 MPa
Tensile Elongation @ Brk	ASTM D 638	250 %
Tear Strength	ASTM D 624	110
Impact		
Notched Izod Impact (23 °C)	ASTM D 256	740 J/m
Hardness		
Durometer Hardness (D Scale)	ASTM D 2240	70
Thermal		
DTUL @66psi - Unannealed	ASTM D 648	80 °C
DTUL @264psi - Unannealed	ASTM D 648	50 °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
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Users should review the applicable Material Safety Data Sheet before handling the product.

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