Hifax ETA4161UV

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

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.

General Information	
Additive	UV Stabilizer
Features	Good Impact Resistance Good Melt Strength Good Processability Good Stiffness Good UV Resistance Good Weather Resistance Low Flow
Uses	Profiles Reinforced Panels
Forms	Pellets
Processing Method	Extrusion Pipe Extrusion Sheet Extrusion Thermoforming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	70		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	28.0	MPa	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Flexural Modulus	1200	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)	740	J/m	ASTM D256A

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	80.0	°C	
1.8 MPa, Unannealed	50.0	°C	

Recommended distributors for this material

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