

Technical Data Sheet

Hifax ETA4161UV GRY

Polypropylene Compounds



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 is typically used to accommodate specific thermoformed applications.

Application	Panels & Profiles
Market	Pipe
Processing Method	Thermoforming

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.5	g/10 min	ASTM D1238
Density	0.91	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1200	MPa	ASTM D790
Tear Strength	110	kN/m	ASTM D624
Tensile Strength at Yield	28	MPa	ASTM D638
Tensile Elongation at Break	250	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	740	J/m	ASTM D256
Hardness			
Durometer Hardness, (D Scale)	70		ASTM D2240
Thermal			
Deflection Temperature Under Load			
(66 psi, Unannealed)	80	°C	ASTM D648
(264 psi, Unannealed)	50	°C	ASTM D648
Additional Information			
Mold Shrinkage			ISO 294-4

Please contact LyondellBasell for shrinkage recommendations.

