

Hifax CA E100 A

Compounded Polypropylene
LyondellBasell Industries

Message:

Hifax CA E100 A is a UV stabilised soft thermoplastic polyolefin-based grade. It has an improved melt strength and a wide processing window developed in order to produce foils and skins.
This product has excellent extrusion and thermoforming characteristics, is designed to have a good processing/properties balance and can be extruded using conventional TPO equipment.

General Information			
Additive	UV Stabilizer		
Features	Good Melt Strength		
	Good Processability		
	Good Surface Finish		
	Good Thermal Stability		
	Good UV Resistance		
	Non-Toxic		
	Soft		
Uses	Industrial Applications		
	Profiles		
	Sheet		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.870	g/cm ³	ASTM D792
--	0.900	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	36		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	9.00	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method

No Break

Notched Izod Impact	7.0 J/m	ASTM D256
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Thermal	Nominal Value	Unit	Test Method
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Deflection Temperature Under Load (0.45 MPa, Unannealed)	58.0	°C	ASTM D648
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Melting Temperature (DSC)	141	°C	ISO 3146
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