

INEOS LLDPE LL6930AA

Linear Low Density Polyethylene

INEOS Olefins & Polymers Europe

Message:

LLDPE film products

Applications:

LL6930AA is a high rigidity cast film grade suitable as an anticling layer in co-extruded stretch film structures and for hygienic film.

Benefits and Features:

LL6930AA is a linear low density polyethylene copolymer containing hexene (C6) as the co-monomer. It offers the following properties:

Very high stiffness

Excellent overall film appearance and surface finish

Good balance between stiffness and puncture resistance

If corona treatment is necessary, the level should normally be in the range 38-48 mN/m.

We recommend that you consult your INEOS O&P Europe technical representative for further advice on the use of LL6930AA.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	Good Surface Finish		
	Hexene Comonomer		
	High Stiffness		
	Low Density		
	Puncture Resistant		
Uses	Film		
	Stretch Wrap		
RoHS Compliance	Contact Manufacturer		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.936	g/cm ³	ISO 1183/D
Melt Mass-Flow Rate (MFR) (190°C/0.325 kg)	3.5	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	ISO 1184
Tensile Modulus - 1% Secant (38 µm, Blown Film)	300	MPa	
Tensile Strength			
MD : 38 µm, Blown Film	55.0	MPa	
TD : 38 µm, Blown Film	55.0	MPa	
Tensile Elongation			ISO 1184
MD : Break, 38 µm, Blown Film	600	%	
TD : Break, 38 µm, Blown Film	600	%	

Dart Drop Impact (38 μm, Blown Film)	50	g	ASTM D1709A
Elmendorf Tear Strength ²			ASTM D1922
MD : 38.0 μm	11.8	kN/m	
TD : 38.0 μm	15.7	kN/m	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 38.0 μm, Blown Film)	80		ASTM D2457
Haze (38.0 μm, Blown Film)	5.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	240 to 280	°C	
NOTE			

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| 1. | Conditioned according to ISO 1872/1 |
| 2. | Blown Film |

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