

INEOS LLDPE LL6130AA

Linear Low Density Polyethylene

INEOS Olefins & Polymers Europe

Message:

LL6130AA is particularly suitable for high performance cast stretch film applications, in particular as a core layer in co-extruded structures.

LL6130AA is a linear low density polyethylene copolymer containing hexene (C6) as the comonomer.

It offers the following properties:

High output rates

Excellent overall film appearance and surface finish

Very good puncture resistance

We recommend that you consult your INEOS O&P Europe technical representative for further advice on the use of LL6130AA.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Surface Finish		
	Hexene Comonomer		
	Puncture Resistant		
Uses	Cast Film		
	Film		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Cast Film		
	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183/D
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	20	µm	
Tensile Modulus			ISO 527-3/150
1% Secant, MD : 20 µm	90.0	MPa	
1% Secant, TD : 20 µm	110	MPa	
Tensile Strength			ISO 527-3/150
MD : 20 µm	33.0	MPa	
TD : 20 µm	25.0	MPa	
Tensile Elongation			ISO 527-3/150
MD : Break, 20 µm	600	%	
TD : Break, 20 µm	750	%	

Dart Drop Impact (20 μm)	160	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 20.0 μm	94.1	kN/m	
TD : 20.0 μm	219.7	kN/m	
Puncture Resistance	300000	J/m	Internal Method
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 20.0 μm)	93		ASTM D2457
Haze (20.0 μm)	1.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	240 to 280	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

