

# INEOS LLDPE LL6908AA

Linear Low Density Polyethylene  
INEOS Olefins & Polymers Europe

Message:

LLDPE film products  
Applications:  
LL6908AA is low-gel polymer suitable for use in blends for geomembrane and geoliner applications.  
Benefits and Features:  
LL6908AA is a linear low density polyethylene copolymer containing hexene-1 as the comonomer. It offers the following properties:  
Very high stiffness and downgauging potential  
Good surface finish  
High temperature resistance  
High creep resistance  
Excellent sealability  
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 LL6908AA.

General Information			
Additive	Antioxidant		
	Calcium Stearate		
Features	Antioxidant		
	Copolymer		
	Good Creep Resistance		
	Good Heat Seal		
	Good Surface Finish		
	Hexene Comonomer		
	High Heat Resistance		
	High Stiffness		
	Low Gel		
Uses	Geo Membranes		
	Liners		
RoHS Compliance	Contact Manufacturer		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density <sup>1</sup>	0.936	g/cm <sup>3</sup>	ISO 1183/D
Melt Mass-Flow Rate (MFR) (190°C/0.325 kg)	0.90	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	
Tensile Modulus - 1% Secant (38 µm, Blown Film)	450	MPa	ISO 1184

Tensile Stress			ISO 527-3
MD : Yield, 38 μm, Blown Film	18.0	MPa	
TD : Yield, 38 μm, Blown Film	21.0	MPa	
MD : 38 μm, Blown Film	54.0	MPa	
TD : 38 μm, Blown Film	36.0	MPa	
Tensile Elongation			ISO 1184
MD : Break, 38 μm, Blown Film	780	%	
TD : Break, 38 μm, Blown Film	990	%	
Dart Drop Impact (38 μm, Blown Film)	65	g	ASTM D1709A
Elmendorf Tear Strength <sup>2</sup>			ASTM D1922
MD : 38.0 μm	13.7	kN/m	
TD : 38.0 μm	127.5	kN/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	121	°C	ISO 306/A
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 38.0 μm, Blown Film)	50		ASTM D2457
Haze (38.0 μm, Blown Film)	13	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	180 to 230	°C	
NOTE			
1.	Conditioned according to ISO 1872/1		
2.	Blown Film		

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



WECHAT