INEOS LLDPE LL6208LJ

Linear Low Density Polyethylene

INEOS Olefins & Polymers Europe

Message:

LL6208LJ is a linear low density polyethylene copolymer containing hexene as the co-monomer. It contains a slip and anti-blocking formulation. LL6208LJ has been developed for blown film applications where excellent mechanical and optical performance is required.
LL6208LJ offers high slip film with easy opening properties. Addition of other polymers, master-batches and pigments may alter film slip and anti-blocking performance.

General Information			
Additive	Anti-caking agent (2200 ppm) Antioxidation Sliding agent (1200 ppm)		
Features	High smoothness Copolymer Optical hexene comonomer Anti-caking property Antioxidation Good strength		
Uses	Films		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Blow film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.921	g/cm³	ISO 1183/D
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Coefficient of Friction	0.20		ASTM D1894
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	25	µm	
Tensile Modulus			ISO 527-3
1% secant, MD: 25 µm, blown film	200	MPa	ISO 527-3
1% secant, TD: 25 µm, blown film	225	MPa	ISO 527-3
Tensile Stress			ISO 527-3
MD: Yield, 25 µm, blown film	12.0	MPa	ISO 527-3
TD: Yield, 25 µm, blown film	12.0	MPa	ISO 527-3
MD: Broken, 25 µm, blown film	49.0	MPa	ISO 527-3

TD: Broken, 25 µm, blown film	37.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
MD: Broken, 25 µm, blown film	580	%	ISO 527-3
TD: Broken, 25 µm, blown film	700	%	ISO 527-3
Dart Drop Impact (25 µm, Blown Film)	290	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 25.0 µm	137.3	kN/m	ASTM D1922
TD : 25.0 µm	247.1	kN/m	ASTM D1922
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (45°, 25.0 µm, Blown Film)	57		ASTM D2457
Haze (25.0 µm, Blown Film)	13	%	ASTM D1003
Additional Information			
Film properties taken from 25 µm film, BUR 2.5 : 1, Melt temperature 220°C			
Extrusion	**Nominal Value**	**Unit**	
Melt Temperature	180 - 230	°C	

Recommended distributors for this material

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