Jam 22502AA

Linear Low Density Polyethylene

Jam Petrochemical Company

Message:

22302 is a LLDPE blown film grade designed for applications requiring ease of processing and good optical properties even at low extrusion temperature. This resin is well suited for blending with LDPE and for general pupose uses, including agricultural applications.
Features
General purpose
Ease of processing
Good optical properties
Low extrusion temperature
Suited for blending with LDPE
Agricultural applications
Applications
Blown film grade

General Information			
Additive	Antioxidation		
Features	Optical Antioxidation Workability, good General		
Uses	Blown Film Mixing Agricultural application General		
Processing Method	Blow film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.922	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	25	µm	
Film Thickness	12.0 - 150	µm	
Blow-up Ratio	2.00 - 3.00		
secant modulus			ASTM D882
2% secant, MD: 25 µm, blown film	175	MPa	ASTM D882
2% secant, TD: 25 µm, blown film	220	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield, 25 µm, blown film	12.0	MPa	ASTM D882
TD: Yield, 25 µm, blown film	11.5	MPa	ASTM D882
MD: Broken, 25 µm, blown film	40.0	MPa	ASTM D882

TD: Broken, 25 µm, blown film	32.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 25 µm, blown film	600	%	ASTM D882
TD: Broken, 25 µm, blown film	700	%	ASTM D882
Dart Drop Impact (25 µm, Blown Film)	70	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD: 25 µm, blown film	130	g	ASTM D1922
TD: 25 µm, blown film	350	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 25.0 µm, Blown Film)	38		ASTM D2457
Haze (25.0 µm, Blown Film)	21	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	170 - 210	°C	

Recommended distributors for this material

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