

Lucalen A 2920 M

Low Density Polyethylene
LyondellBasell Industries

Message:

Lucalen A 2920 M is an additivated, low density Polyethylene, containing comonomer. It is delivered in pellet form. Additional Customer Applications: Adhesive layer
Foodlaw compliance information about this product can be found in separate product documentation.
This product is not intended for use in medical and pharmaceutical applications.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Adhesion		
	Low Temperature Flexibility		
Uses	Film		
	Laminates		
	Profiles		
Forms	Pellets		
Processing Method	Blown Film		
	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.927	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	38		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	90.0	MPa	ISO 527-2
Tensile Stress (Yield)	6.00	MPa	ISO 527-2
Coefficient of Friction	> 0.80		ISO 8295
Films	Nominal Value	Unit	Test Method
Film Thickness - Recommended / Available	1.6-3.9 mil (40-100 µ)		
Dart Drop Impact (50 µm, Blown Film)	650	g	ASTM D1709
Permeation			ISO 2556
H2O : 38°C, 100.0 µm ¹	2.3	g/m ² /24 hr	
O2 : 23°C, 100.0 µm	2400	cm ³ /m ² /bar/24 hr	
Comonomer AA	4.0	%	DIN 51451
Comonomer BA	7.0	%	DIN 51451

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	74.0	°C	ISO 306/A50
Melting Temperature (DSC)	96.0	°C	ISO 3146
Optical	Nominal Value	Unit	Test Method
Gloss			ASTM D2457
20°, 50.0 μm	> 30		
60°, 50.0 μm	> 80		
Haze	< 6.0	%	ASTM D1003
NOTE			
1.	90% RH		

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