

Icelene LD4221 Low Density Polyethylene Resin

Applications:

Coextrusion Coating, Extrusion Coating
Extrusion Lamination, Foam
Food packaging , Industrial packaging
Liquid Packaging

Additive packages

Slip (0 ppm), Antiblock (0 ppm)
Thermal Stabilizer (No)

PRODUCT DESCRIPTION

ICELENE LD4221 is certified prime resin suggested for extrusion coating, excellent processability with heat sealability and adhesion. It offers excellent neck-in/draw down balance, resulting in low edge trim, less waste and high processing line speed. Good barrier to water vapor for application in portion packaging (sugar, salt)

Properties*	Test Method	Metric Units		English	
		Typical Value	Unit	Typical Value	Unit
Melt Flow Index ²	ASTM D1238	4.2	g/10 min.	4.2	g/10 min
Density (23°C)	ASTM D1505	0.921	g/cm ³	0.921	g/cm ³
Vicat Softening point	ASTM D1525	95	°C	203	°F
Coating Properties					
Drawn Drown(Constant output at 35rpm)		200	m/min	200	m/min
164 ft/mim(50m/min) Constant output at 35 rpm		4.1	cm	1.6	in
164 ft/mim(50m/min) Constant output at 35 rpm		3.8	cm	1.5	in

This product is not intended for use in medical applications and should not be used in any such applications.

* Typical Value of Properties which can vary with in specification limits and are not to be construed as specifications.

¹ Test specimen for blown film: nominal thickness 1.25 mils;blow up ratio 2.5:1, die gap 35 mils

² Condition 190°C/2.16 kg.

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