

### 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 <sup>2</sup>	ASTM D1238	4.2	g/10 min.	4.2	g/10 min
Density (23°C)	ASTM D1505	0.921	g/cm <sup>3</sup>	0.921	g/cm <sup>3</sup>
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.

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

<sup>2</sup> Condition 190°C/2.16 kg.

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