

Icelene LD222 Low Density Polyethylene Resin

Applications:

FFS Bags, Food Packaging, Produce bags

Additive packages

LD222A:Slip (None), Antiblock (None)

LD222B :Slip (750ppm), Antiblock (1700ppm)

PRODUCT DESCRIPTION

ICELENE LD222 is a certified prime resin for production of produce, bakery film and general packaging that requires high clarity film. The resin has high optical clarity, easy processability and blends well with LLDPE

Properties*	Test Method	Metric Units		English	
		Typical Value	Unit	Typical Value	Unit
Melt Flow Index ²	ASTM D1238	2.2	g/10 min.	2.2	g/10 min
Density (23°C)	ASTM D792	0.922	g/cm ³	0.922	g/cm ³
Film Properties¹					
Tear Strength					
MD	ASTM D1992	168	g	168	g
TD	ASTM D1992	300	g	300	g
Dart Drop Impact Strength F50	ASTM D1709/A	100	g	100	g
Tensile Strength					
MD	ASTM D882	21	Mpa	3000	psi
TD	ASTM D882	19	Mpa	2800	psi
Yield Strength					
MD	ASTM D882	10	MPa	1500	psi
TD	ASTM D882	10	MPa	1500	psi
Elongation					
MD	ASTM D882	420	%	420	%
TD	ASTM D882	570	%	570	%
Haze	ASTM D1003	7	%	7	%

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

¹ Film properties are typical of blown film 38 micron extruded on a 1.5" extruder with 3" die and 35-mil die gap at a blow up ratio of 2.5:1 but are dependent upon operating conditions.

² Condition 190°C/2.16 kg.

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