

Icelene LD259 Low Density Polyethylene Resin

Applications:

Consumer and Industrial packaging

Additive packages

Slip (500ppm), Antiblock (900ppm)

PRODUCT DESCRIPTION

ICELENE LD259 is liner grade for industrial use.

Properties*	Test Method	Metric Units		English	
		Typical Value	Unit	Typical Value	Unit
Melt Flow Index ²	ASTM D1238	2.5	g/10 min.	2.5	g/10 min
Density (23°C)	ASTM D792	0.922	g/cm ³	0.922	g/cm ³
Film Properties¹					
Tensile Strength at Break					
MD	ASTM D882	24.8	Mpa	3600	psi
TD	ASTM D882	17.2	Mpa	2500	psi
Elongation					
MD	ASTM D882	250	%	250	%
TD	ASTM D882	500	%	500	%

* 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 1 mil fabricated on a 6" die 2.5" 24:1 L:D barrier screw, 2.4:1 BUR, 100-mil die gap.

² Condition 190°C/2.16 kg.

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