

## Icelene LD2423AA Low Density Polyethylene Resin

**Applications:**

Blend Partner, Foam, Cast Film, Light Duty Shrink Film  
FFS Packaging, High Clarity Film, Lamination Film

**Additive packages**

Slip (None ), Antiblock (None)

**PRODUCT DESCRIPTION**

ICELENE LD2423AA is good clarity resin suitable for processing on blown film equipment.

Properties*	Test Method	Metric Units		English	
		Typical Value	Unit	Typical Value	Unit
Melt Flow Index <sup>2</sup>	ASTM D1238	2.4	g/10 min.	2.4	g/10 min
Density (23°C)	ASTM D792	0.923	g/cm <sup>3</sup>	0.923	g/cm <sup>3</sup>
<b>Film Properties<sup>1</sup></b>					
Elemendorf Tear Strength					
MD	ASTM D1922	510	g	510	g
TD	ASTM D1922	130	g	130	g
Dart Drop Impact Strength F50	ASTM D1709/A	80	g	80	g
Tensile Strength at Break					
MD	ASTM D882	28	Mpa	4100	psi
TD	ASTM D882	24	Mpa	3400	psi
Yield Strength					
MD	ASTM D882	11	MPa	1600	psi
TD	ASTM D882	13	MPa	1900	psi
Elongation					
MD	ASTM D882	270	%	270	%
TD	ASTM D882	660	%	660	%
1 % Secant Modulus					
MD	ASTM D882	220	MPa	32000	psi
TD	ASTM D882	280	Mpa	41000	psi
Haze	ASTM D1003	5.1	%	5.1	%

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

<sup>1</sup> Film properties are typical of blown film 38 micron extruded on a 2.5" extruder with 4" die and 100-mil die gap at a blow up ratio of 2.5:1 but are dependent upon operating conditions.

<sup>2</sup> Condition 190°C/2.16 kg.

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