

Icelene LD718

Low Density Polyethylene Resin

Applications:

Coating Resin paper,boxes,flexible packaging

Additive packages

Slip (None), Antiblock (None)

PRODUCT DESCRIPTION

ICELENE LD718 is certified prime resin for high speed ,intermediate lightweight coating resin for use with paper , films and other base stocks. It is recommended for general-purpose flexible packaging, foil mounting,laminating and aseptic packaging.

LD718 meets the requirements of the Food and Drug Administration regulations 21 CFR 177.1520 and 21 CFR 176.170. These regulations (respectively) allow for the use of this olefin polymer in "...articles or components of articles intended for use in contact with food".

Properties*	Test Method	Metric Units		English	
		Typical Value	Unit	Typical Value	Unit
Melt Flow Index ²	ASTM D1238	7.0	g/10 min.	7.0	g/10 min
Density (23°C)	ASTM D792	0.918	g/cm ³	0.918	g/cm ³
Tensile Strength at Break	ASTM D638	11.7	Mpa	1700	psi
Tensile Elongation at Break	ASTM D638	550	%	550	%
Flexural Stiffness	ASTM D638	206	Mpa	30,000	psi
Hardness, Shore D	ASTM D2240	50		50	
Vicat Temperature	ASTM D1525	84	°C	183	°F

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

² Condition 190°C/2.16 kg.

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