

LLHF-118A

Linear Low Density Polyethylene

Technical Data Sheet

LLHF-118A is a **certified prime** resin containing **Hexene**-comonomer designed for production of superior strength and low stiffness Blown films. **LLHF-118A** features easy processability and films exhibit high impact strength, very good tear and excellent creep resistances. **LLHF-118A** major applications include heavy duty bags, high strength liners, grocery bags and frozen food packaging films. Maximum recommended film drawdown is 0.5 mil. **LLHF-118A** contains **no slip** and **no antiblock**.

Typical Properties

PROPERTIES*	ASTM TEST	UNIT ENGLISH (METRIC)	NOMINAL VALUES
RESIN			
Melt Index	D 1238E	grs/10 min	1.0
Density	D 1505	grs/cm ³	0.918
FILM**			
Haze	D 1003	%	9.0
Gloss	D 2457	@ 45°	60
Tensile Modulus ¹	D 882	psi x 1000 (Mpa)	33/38 ² (230/260)
Yield	D 882	psi x 1000 (MPa)	1.8/1.7 ² (12/11)
Break	D 882	psi x 1000 (MPa)	8.2/6.0 ² (57/41)
Ult. Elongation	D 882	%	630/880 ²
Elmendorf Tear	D 1922	grs.	350/8000 ²
Dart Impact, F50	D 1709A	grs.	180

TYPICAL VALUE OF PROPERTIES NOT TO BE CONSTRUED AS SPECIFICATIONS.

* - Test specimens from compression molded plaque according to ASTM D 1928 Procedure C.

** - 1.0 mils (25μ) film, melt temperature 395-430°F (200-220°C), blow-up-ratio 2.5 :1.

1 - 1% secant.

2 - MD/TD.

THIS PRODUCT DATA SHEET EFFECTIVE JANUARY 2001 SUPERSEDES ALL DATA PREVIOUSLY PUBLISHED

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WORLD HEADQUARTERS: 800 CONNECTICUT AVENUE, NORWALK CT. USA 06854-1631
 PHONE: (203) 855-6000 - FAX: (203) 855-6222 - e-MAIL: WEBHELPPL@MUEHLSTEIN.COM