

MELT - 1.0

DENSITY - 0.918

LLMF-118A is a certified prime resin designed for production of Blown films needing excellent optics, superior film strength and excellent heat seal performance. **LLMF-118A** contains no slip, no antiblock and does contain process aid. **LLMF-118A** complies with FDA regulation 21CFR 177.1520(c)3.2a, conditions of use B-H. Blow-up-ratio 2.5:1 : Melt temperature 400°F.

Features:

- Good heat seal
- Good strength
- Opticals

Typical Applications:

- Heavy duty packaging
- Ice bags
- Sealant layer in coextrusions

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm ³	0.918	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	1.0	
BLOWN FILMS (Tested at 1.0 mil)			MD	TD
Secant Modulus - 1% Secant	D882	psi	25400	27700
Tensile Strength (Yield)	D882	psi	1550	1400
Tensile Strength (Break)	D882	psi	8500	7500
Tensile Elongation (Break)	D882	%	450	600
Elmendorf Tear Strength	D1922	g	230	500
Dart Drop Impact (F50)	D1709	g	800	
Haze	D1003	%	4.0	
Gloss (60°)	D2457		130	