

MELT - 1.4

DENSITY - 0.916

LLMF-116D is a certified prime resin designed for production of Blown films needing excellent optics, superior film strength and excellent heat seal performance. **LLMF-116D** contains medium slip, high antiblock and process aid. **LLMF-116D** 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
- Food contact acceptable
- Medium Slip
- High antiblocking

Typical Applications:

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

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm ³	0.916	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	1.4	
BLOWN FILMS (Tested at 1.0 mil)			MD	TD
Secant Modulus - 1% Secant	D882	psi	25000	27600
Tensile Strength (Yield)	D882	psi	1900	1440
Tensile Strength (Break)	D882	psi	7650	6800
Tensile Elongation (Break)	D882	%	480	600
Elmendorf Tear Strength	D1922	g	230	500
Dart Drop Impact (F50)	D1709	g	800	
Haze	D1003	%	11	
Gloss (60°)	D2457		93	