

MELT - 1.0

DENSITY - 0.917

LLHF-117XA is a certified prime grade Ethylene-Hexene Copolymer specially developed for extrusion of SUPER STRENGTH Blown films of outstanding impact and toughness. **LLHF-117XA** contains no slip and no antiblock. Maximum recommended film drawdown is 0.3 mil. **LLHF-117XA** complies with FDA regulation 21CFR 177.1520 (c) 3.2(a) and most international regulations concerning the use of Polyethylene in contact with food articles.

Features:

- Good processability
- Good tear strength
- Good toughness
- High impact resistance
- Puncture resistant

Typical Applications:

- Super strong liners
- Lamination films
- Stretch wrapping films
- Super strong carry-on-bags

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm ³	0.917	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	1.0	
FILM			MD	TD
Secant Modulus - 1% (0.98 mil)	D882	psi	28k	30k
Tensile Strength (Yield, 1.0 mil)	D882	psi	1600	1740
Tensile Strength (Break)	D882	psi	7980	5800
Tensile Elongation (Break)	D882	%	650	780
Elmendorf Tear Strength	D1922	g	430	750
Dart Drop Impact	D1709A	g	480	
Gloss (45°, 0.984 mil, Blown film)	D2457		55	
Haze (0.984 mil)	D1003	%	9.0	