

MELT - 0.25

DENSITY - 0.918

LDF-0218A is a certified prime grade specially designed for Extrusion of heavy duty blown films for industrial applications requiring excellent mechanical properties. **LDF-0218A** contains no slip, no UV stabilizer & no antiblock. **LDF-0218A** complies with FDA regulation 21CFR177.1520(c)2.1+2.2 & most international regulations concerning the use of Polyethylene in contact with food articles.

Features:

- Excellent processability
- High toughness
- High impact
- High tear strength
- Excellent shrinkage properties

Typical Applications:

- Heavy duty sacks
- Shipping bags
- Shrink wrapping pallet hoods
- Construction
- Agriculture
- Greenhouses

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm ³	0.918	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	0.25	
2.0 Mil BLOWN FILMS			MD	TD
Secant Modulus - 1% Secant	D882	psi	25k	30k
Tensile Strength (Yield)	D882	psi	1500	1400
Tensile Strength (Break)	D882	psi	3600	3500
Tensile Elongation (Break)	D882	%	130	600
Elmendorf Tear Strength	D1922	g	320	150
Dart Drop Impact	D1709A	g	180	