

MD37-30

MEDIUM DENSITY POLYETHYLENE (MDPE)

MD37-30 This medium density polyethylene is an ethylene-hexene copolymer and is tailored for blown film applications that require: • Good stiffness • Excellent toughness • Blending with LLDPE and LDPE • Superior bubble stability. **MD37-30** complies with FDA regulation 21CFR 177.1520(c) 3.2a.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES	
PHYSICAL				
Melt Flow Rate (190 °C, 2.16kg)	D1238	g/10 min	.3	
Density	D1505	g/cm ³	0.937	
FILM (1.0 mil)			MD	TD
1% Secant Modulus	D882	psi	88k	121k
Tensile Strength @ Break	D638	psi	7900	5600
Elongation @ Break ²	D882	%	310	840
Dart	D1709	g/mil	50	
WVTR	DF1249	g/100in	0.82	

Typical Value of Properties not to be construed as specifications

* Test Made on injection molded Type 1 tension test specimen according to ASTM D2146

1 - @ 0.51 in/min

2 - @ 2 in/min.



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