

LLSC6-010

Linear Low Density Polyethylene

LLSC6-010 is an Ethylene-Hexene Copolymer certified prime g dorf tear strength. **LLSC6-010** contains no slip and no antiblock. Maximum recommended film drawdown is 0.3 mil. **LLSC6-010** 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.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES	
Melt Flow Rate (190 °C, 2.16kg)	D1238	g/10 min	1.0	
Density	D1505	g/cm ³	0.917	
Dart Drop Impact (F50, 1.0 mil)	D1709A	g	480	
Film Thickness		mil	1.0	
FILM			MD VALUES	TD VALUES
Tensile Strength @ Break	D882	psi	7980	5800
Tensile Strength @ Yield	D882	psi	1600	1740
Elmendorf Tear Strength	D1922	g	430	750
Tensile Elongation @ Break	D882	%	650	780
Secant Modulus ³ 1% Secant	D882	psi	28k	30k
OPTICAL			PROCESS	VALUES
Gloss (45° , 0.984 mil)	D2457		Blown Film	55
Haze (0.984mil)	D1003	%	Blown Film	9.0
AVAILABLE ADDITIVES				
B =	Barefoot			
A =	0 Slip/ High Antiblock			
F =	Full Additives			



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