

LL6F 813-SB

Linear Low Density Polyethylene - Hexene



Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	1.3	g/10 min	D 1238
Density (g/cm ³)	0.928	g/cm ³	D 792
Dart Drop Impact (g)	120	g	D 1709
Tear Strength — MD	230	g/mil.	D 1922
Tear Strength — TD	570	g/mil.	D 1922
Tensile Strength at Yield — MD	1880	psi	D 882
Tensile Strength at Yield — TD	2000	psi	D 882
Tensile Strength at Break — TD	1450	psi	D 882
Elongation — MD	440	%	D 882
Elongation — TD	520	%	D 882
Haze	12	%	D 1003
Gloss @ 45°			D 2457
Secant Modulus, 1% — MD	40900	psi	D 882
Secant Modulus, 1% — TD	34900	psi	D 882
Secant Modulus, 2% — MD	48000	psi	D 882
Secant Modulus, 2% — TD	40100	psi	D 882

Additives: Slip 1000 ppm, Antiblock 5500 ppm