

LLC6-500G

Linear Low Density Polyethylene

LLC6-500G is a granular certified prime copolymer designed for easing blending with pigments, slip and anti-block additives and other materials. **LLC6-500G** is an excellent base resin for masterbatch products. **LLC6-500G** complies with FDA regulation 21CFR 177.1520 (c) 3.1a and most international regulations concerning the use of Polyethylene in contact with food articles.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
PHYSICAL			
Melt Flow Rate (190 °C, 2.16kg)	D1238	g/10 min	50
Density	D1505	g/cm ³	0.926
Env. Stress Crack Resistance (122 °F, F50)	D1693	hr	5.0
MECHANICAL			
Flexural Modulus ¹ (1% Secant)	D790	psi	65000
Tensile Strength @ Yield ²	D638	psi	2200
Notched Izod Impact	D256	ft-lb/in	8.3
Tensile Elongation @ Break ²	D638	%	90
Brittleness Temperature	D746	°F	-85
Vicat Softening Temperature	D1525	°F	196

Typical Value of Properties not to be construed as specifications

2 - @ 20 in/min.



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