

LLC4-200G

Linear Low Density Polyethylene

LLC4-200G is a Butene-ethylene certified prime copolymer, designed for COMPOUNDING applications requiring good melt viscosity and good melt flow to assure thorough mixing and dispersion of components. **LLC4-200G** features wide process window, easy processability, medium melt flow and improved dispersion capability. **LLC4-200G** is supplied in granular form. Suggested processing temperature is 180° to 220°C. **LLC4-200G** complies with FDA regulation 21CFR 177.1520 (c) 3.1 (a) and with 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	20
Density	D1505	g/cm ³	0.924
Env. Stress Crack Resistance ³ (122 °F, F50)	D1693B	hr	150
MECHANICAL			
Flexural Modulus ¹ (1% Secant)	D790	psi	65k
Tensile Strength @ Yield ²	D638	psi	1800
Tensile Impact Strength	D1822	ft-lb/in ³	34.0
Tensile Elongation @ Break ²	D638	%	300

Typical Value of Properties not to be construed as specifications

1 - @ 0.051 in/min

2 - @ 2 in/min.



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