

LLC6-200

Linear Low Density Polyethylene

LLC6-200 is a certified prime resin designed for injection molding applications requiring low warpage, low temperature resistance and easy processability over a wide range of molding conditions. Recommended processing temperature is 180 to 220°C., with mold at 20 to 40°C.

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 (122 °F, F50)	D1693	hr	19.0
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	%	500
Brittleness Temperature	D746	°F	-130
Vicat Softening Temperature	D1525	°F	253

Typical Value of Properties not to be construed as specifications

1 - @ 0.051 in/min

2 - @ 2 in/min.



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