



Specifications for Linear Low Density Polyethylene (LLDPE)

Parameter	Value			
Molecular Formula	--			
Mol Wt	(-CH ₂ -CH ₂) _n			
CAS #	[9002-88-4]			
Description				
Property	Cable Grade	Film Extrusion Grade	Blow Film Grade	Film Grade
Density at 25 deg cel (g/cc)	0.922-0.926	0.918 – 0.922	0.916 – 0.920	0.922 - 0.926
Melt Flow Index at 190 deg cel (g / 10 min)	2.8 to 3.3	0.9 to 1.2	0.7-1.0	5 to 7.5
Tensile Strength at yield (MPa)	10-15	--	12-13	11 – 13
Melting range in deg cel	120-125	--	10-12	--
Vicat Soften Point (deg cel)	106-108	--	--	--
Elongation at break (%)	600-725	700-800	650-800	600-750

Uses

Industry	Applications
Polymer	In mfr of wires and cables, lamination films, coating on woven fabric, paper aluminium foil, blow and injection moulded containers and thin films