



Specifications for Low Density Polyethylene (LDPE)

Parameter	Value			
Molecular Formula	(-CH ₂ -CH ₂) _n			
Mol Wt	--			
CAS #	[9002-88-4]			
Property	Inject Mould & MB	Extrusion coat and film	Liquid packaging	Lamination Film
Density at 25 deg cel (g/cc)	0.917-0.919	0.916 – 0.918	0.919 – 0.921	0.919 – 0.921
Melt Flow Index at 190 deg cel (g / 10 min)	28 – 30	6 – 8	0.4 – 0.7	1.8-2.2
Tensile Strength at yield (MPa)	9-11	--	--	--
Elongation at yield (%)	38-42	--	--	--
Vicat Soften Point (deg cel)	82-86	--	--	--
Elongation at break (%)	--	250/ 400	300/525	270 / 430

Uses

Industry	Applications
Polymer	In mfr of drums, bottles, extrusion pipes, blow and injection moulded containers and thin films