

Low Density Polyethylene (LDPE 1870)

Ermalene LDPE 1870 injection moulding designed for injection of the thin and flexible items such as Artificial flowers, Metal coating, Coating of textiles and preparation of Masterbatches. This leads to excellent flowability and processability with high flexibility and glossy surface.

Property	Test Method	Unit	Value
Melt Flow Rate (2.16 Kg)	ASTM D-1238	g/10 min	70
Density	ASTM D-1505	g/cm ³	0.918
Tensile Strength at yield	ASTM D-638	Mpa	6
Tensile Strength at break	ASTM D-638	Mpa	10
Elongation at break	ASTM D-638	%	200
Shrinkage	ASTM D-955	%	1.5-2.5
Crystalline Melting Point	ASTM E-794	°C	101
Vicat Softening Point	ASTM D-1525	°C	78