

Linear low density polyethylene, Cast Film (LLDPE)

SUMITOMO LLDPE FS350A

Rabigh Refining & Petrochemical Co., Saudi Arabia

PROPERTIES

Description	FS350A is a linear low density polyethylene resin intended for cast film applications. This resin has good flow characteristics for easy processing. Films made from this resin exhibit excellent transparency, and good toughness properties.
Applications	For lamination film, hand and pallet stretch wrap film, and other general purpose film applications. Also for wire and cable applications.
Processing Conditions	Extrusion temperature: 200°C - 280°C
Additives	Slip-agent - NO, Anti-block - NO

MFR (190°C / 2.16 kg)	g/10min	3.1	ASTM D1238
Density	g/cm ³	0.922	ASTM D792-A
Gloss 45-degree	°/00	145	ASTM D2457
Haze	%	0.6	ASTM D1003
Tensile Strength at Break MD/TD	MPa	40/25	ASTM D882
Tensile Elongation at Break MD/TD	%	680/870	ASTM D882
1% Secant Modulus, MD/TD	MPa	165/165	ASTM D882
Elmendorf Tear Strength, MD/TD	g	70/215	ASTM D1922
Dart Drop Impact	g	75	ASTM D1709
Flammability	°C	HB	UL94

These are typical properties: not to be construed as specification.