



POLYETHYLENE 2119

GRADE NAME: L2119

CATEGORIES: POLYMER, THERMOPLASTIC, POLYETHYLENE, LOW DENSITY POLYETHYLENE

PROCESSING METHODS: BLOWN FILM

APPLICATIONS: FILM, LIGHT-DUTY FILMS, LAMINATE FILM

FEATURES: PHARMACEUTICAL GRADE, FOOD CONTACT, GOOD DRAWDOWN ABILITY

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Physical Properties

Properties	Value	Unit	Test Method
MFI(190°C/2.16 KG)	1.9	g/10min	ISO 1133
Density	0.921	g/cm3	ISO 1133
Mechanical Properties			
Properties	Value	Unit	Test Method
Blocking	20	gr	SABTEC method
Coefficient of Friction (>1)	>1	-	ASTM D1894
Dart Drop Impact Strength	26	KJ/m	ASTM D4272
Film Elongation at Break (>150),MD	150	%	ISO 527
Film Elongation at Break (>500),TD	500	%	ISO 527
Film Tensile Modulus, MD	190	MPa	ISO 527
Film Tensile Modulus, TD	200	MPa	ISO 527
Film Tensile Strength at Break, MD	35	MPa	ISO 527
Film Tensile Strength at Break, TD	20	MPa	ISO 527
Film Tensile Strength at Yield, MD	13	MPa	ISO 527
Film Tensile Strength at Yield, TD	11	MPa	ISO 527
Re-Blocking	100	gr	SABTEC method
Optical Properties			
Properties	Value	Unit	Test Method
Gloss (45°C)	55	-	ASTM D2457
Haze	9	%	ASTM D1003