

## Technical Datasheet

- **Grade Name:** Modiran LTM 2119
- **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

Physical Properties			
Properties	Value	Unit	Test Method
MFI( 190°C/2.16 KG)	1.9	g/10min	ISO 1133
Density	0.921	g/cm <sup>3</sup>	ISO 1183
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

Typical Properties: These values are not to be considered as product specifications.

