

Technical Datasheet

- **Grade Name:** LDPE 2420E02
- **Categories:** Polymer, Thermoplastic, Polyethylene, Low Density Polyethylene
- **Processing Methods:** Blown Film
- **Applications:** Cast, Fine shrink and High clarity films

Physical Properties			
Properties	Value	Unit	Test Method
MFI(190°C/2.16 Kg)	1.9 ± 0.02	g/10min	ISO 1133
Density	0.92	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Coefficient of Friction	1		ASTM D1894
Impact Strength (23 °C)	26	KJ/m	ASTM D4272
Strain at Break, MD	>200	%	ISO 527
Strain at Break, TD	>500	%	ISO 527
Tear Strength, MD	60	KN/M	ASTM D 6383
Tear Strength, TD	25	KN/M	ASTM D 6383
Tensile Stress at Yield, MD	13	MPa	ISO 527
Tensile Stress at Yield, TD	11	MPa	ISO 527
Optical Properties			
Properties	Value	Unit	Test Method
Gloss (45°C)	55		ASTM D2457
Haze	≤ 6.5	%	ASTM D1003

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

