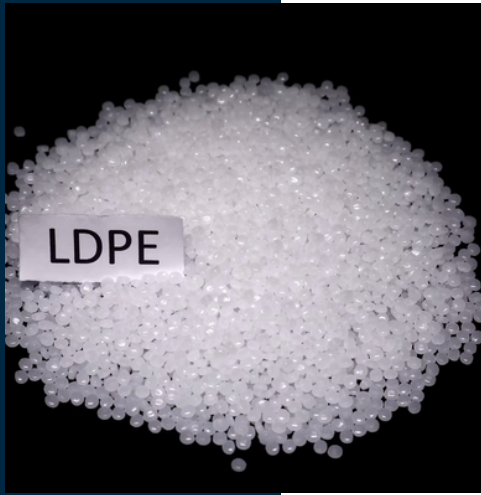




POLYETHYLENE 2420E02

GRADE NAME: LDPE 2420E02
CATEGORIES: POLYMER, THERMOPLASTIC, POLYETHYLENE, LOW DENSITY POLYETHYLENE
PROCESSING METHODS: BLOWN FILM
APPLICATIONS: CAST, FINE SHRINK AND HIGH CLARITY FILMS
TYPICAL

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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/cm3	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	°C	ASTM D2457
Haze	≤ 6.5	%	ASTM D1003