

Technical Datasheet

- **Grade Name:** LDPE 2420 H
- **Categories:** Polymer, Thermoplastic, Polyethylene, Low Density Polyethylene
- **Processing Methods:** Blown Film, Cast Film
- **Applications:** Film, Pouches, Light-Duty Films, Shrink Films
- **Features:** Good Seal Properties, Good Processability, Good Optical Properties

Physical Properties			
Properties	Value	Unit	Test Method
MFI(190°C/2.16 KG)	1.9	g/10min	ISO 1133
Density	0.94	g/cm ³	ISO 1183
Ash Content (600 C/1hr)	2	%	ASTM D5630
Mechanical Properties			
Properties	Value	Unit	Test Method
Tensile Strain at Break, MD	250	%	ISO 527-1, 3
Tensile Strain at Break, TD	600	%	ISO 527-1, 3
Film Tensile Strength at Break, MD	26	MPa	ISO 527-1, 3
Film Tensile Strength at Break, TD	18	MPa	ISO 527-1, 3
Impact Strength, Dart (50 Blown film)	110	gr	ASTM D1709
Tensile Modulus	260	MPa	ISO 527-1, 2
Tensile Stress at Yield	11	MPa	ISO 527-1, 2
Optical Properties			
Properties	Value	Unit	Test Method
Gloss (60°C, 50)	>100		ASTM D2457
Haze (50)	<8	%	ASTM D1003

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

