



POLYETHYLENE 2420H

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

KADOUSPOLYMERPASARGAD@GMAIL.COM

+98-9351998787



Physical Properties

Properties	Value	Unit	Test Method
MFI(190°C/2.16 KG)	1.9	g/10min	ISO 1133
Density	0.92	g/cm3	ISO 1183
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
Tensile Strength at Break, MD	26	MPa	ISO 527-1, 3
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
Dart Drop Impact (50 blown film)	110	g	ASTM D 1709
Vicat Softening temp(A50(50°C/h 10N))	94	°C	ISO 306
Optical Properties			
Properties	Value	Unit	Test Method
Gloss (60°C, 50)	>100	-	ASTM D2457
Haze (50)	<8	%	ASTM D1003