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BAKHTAR PETROCHEMICAL COMPANY

LINEAR LOW-DENSITY POLYETHYLENE LLDPE 22B02

LLDPE 22B02 is a butene-1 LLDPE resin engineered to enhance film hardness and strength. It is ideal for producing high-stiffness blown and cast films and is also highly suitable for blending and lamination to create custom material solutions.

Producer	Additive	Applications
BAKHTAR	Neutralizer: Calcium Stearate Antioxidant: Irganox1010, Irganox168	High Stiffness Blown and Cast Film Blending, Agricultural films Heave duty sacks

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Melt Flow Rate (MFR) 190 °C/2.16 kg	g/10min	1.8-2.2	ASTM D-1238
FRR (MFR 21.6/2.16)	-	24-26	ASTM D-1238
Density	gr/cm ³	0.920-0.924	ASTM D1505
Contamination	Number	<30	MTM 17064 E
Yellowness Index	-	<0.5	ASTM E313
Dart Impact	gr	117	ASTM D-1709/a
Haze	%	16	ASTM D-1003
Gloss (60°)	-	72	ASTM D-2457
Tensile Modulus (TD/MD)	Mpa	201/196	ASTM D-882
Tensile Strength @Break (TD/MD)	Mpa	30/32	ASTM D-882
Elongation @Break (TD/MD)	%	916/906	ASTM D-882
Elmendorf Tear (TD/MD)	gf/μm	268/140	ASTM D-1922