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BAKHTAR PETROCHEMICAL COMPANY

LINEAR LOW-DENSITY POLYETHYLENE BG-HD-20BF5

LLDPE 20BF5 is a high-stiffness linear low-density polyethylene (LLDPE) resin designed for heavy-duty film applications. This product is ideal for scenarios requiring durability and strength.

Producer	Characteristic Properties	Applications	Additive
BAKHTAR	Comonomer Butene-1(C4) High Stiffness Films	Heavy duty films General purpose	Calcium Stearat Irganox1010& Irgafos168

Typical Properties

Resin Properties	Unit	Typical	Test Method
Melt Flow Rate (MFR)	g/10 min	0.5±0.1	ASTM D1238
Density	g/cm ³	0.920±0.002	ASTM D-1505
Tensile Strength @ Break (TD/MD)	Mpa	36/46	ASTM D-882
Elongation @ Break (TD/MD)	%	840/830	ASTM D-882
Elmendorf Tear (TD)	gf/μm	375/37	ASTM D-1922
Gloss	-	65	ASTM D-2457
Haze	%	17	ASTM D-1003
FRR	-	<30	ASTM D-1238
Contamination	Number	<30	MTM 17064 E
Dart Impact	gr	136	ASTM D-1709/a
Yellowness Index	-	<0.5	ASTMD6290
Tensile Modulus	Mpa	288/633	ASTM D-882