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BAKHTAR PETROCHEMICAL COMPANY

## LINEAR LOW-DENSITY POLYETHYLENE LLDPE 18B04

LLDPE 18B04 is a type of linear low-density polyethylene (LLDPE) specifically produced as a film for a wide range of applications, such as cast film, stretch wrap, and as a blend component for wires and cables. Its high flexibility and strength make it the first choice in many sectors.

Producer	Characteristic Properties	Applications	Additive
BAKHTAR	Commoner Butene-1(C4)	Cast film (Stretch Wrap) Blend Component for W&C Cross-linked conduits	Antioxidants Lubricant Acid scavenger

### Typical Properties

Resin Properties	Unit	Typical	Test Method
Melt Flow Rate (MFR)	g/10 min	4-5	ASTM D1238
Density	g/cm <sup>3</sup>	0.915-0.918	ASTM D-1505
Tensile Strength @ Break (TD/MD)	Mpa	25/23	ASTM638-02
Elongation @ Break (TD/MD)	MPa	950/900	ASTM638-02
Elmendorf Tear (TD)	gf/μm	600/32	ASTM638-02
Gloss	-	55	ASTM D-2457
Haze	%	18	ASTM D-1003
FRR	-	<30	ASTM D-1238
Contamination	Number	<20	MTM 17064 E
Dart Impact	gr	50	ASTM D-1709/a
Yellowness Index	-	(-2.5)-(+0.5)	ASTMD6290