KAHROBA
گروه بازرگانی کهربا

شرکت سهامی
پتروشیمی بندرامام خمینی

LDPE LF0200

Parameter	Unit	Value	Test method
Melt flow index (190 °C/2.16 kg)	g/10 min	2	ASTM D1238
Density	g/ml	0.92	TSTM 209B
Vicat softening point	°C	94	ASTM D1525
Haze	%	15 max	ASTM D1003
Gloss at 60°	GU	60 min	ASTM D523
Elongation at break (MD)	%	330 min	ASTM D882
Elongation at break (TD)	%	600 min	ASTM D882
Tensile at break (MD)	kg/cm^2	160 min	ASTM D882
Dart impact	g	100 min	ASTM D1709

General Informations: LF0200 is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties. Film made from LF0200 exhibits high dart impact combined with excellent yield and tensile strength and high stiffness. Its toughness bears even in cold temperatures. The film can be sealed on all types of machines. The film possesses good dimensional stability and is resistant to tearing and breaking. LF0200 contains antioxidant.

Applications: LF0200 is well suited for wide range of applications due to its unique balance of properties. The superior mechanical properties will improve the functionability of the films. Examples; general purpose bags, packaging of mechanical parts, carrier bags, coextruded milk bags, low tension power cables insulation and industrial injection mouldings.

Processing Conditions: LF0200 can be easily processed in all types of extruders. The temperature of the polymer at the die output should be in the range of 160–180 °C. Minimum blow up ratio should be about 2 in order to keep a good balance of mechanical properties. To avoid blocking and shrinkage in the reel, the film temperature at the nip rollers and haul off should be kept as close as possible to the ambient temperature.