

# HP-LL18XF5

LLDPE High Performanc Blown Film Grade



شرکت پتروشیمی جم  
(سهامی عامه)  
Jam Petrochemical Company

JAM PETROCHEMICAL COMPANY  
P.O. Box : 75391-415,  
Special Pars Economic Enegy  
Zone, Assalouyeh, Islamic Republic  
of Iran  
Tel: 0098 772 7323221  
Fax: 0098 772 7323311  
Customer Technical Support  
Tel: 0098 772 7323074  
Tel: 0098 21 88626490  
Fax: 0098 772 7323311  
Website: www.jpcomplex.com



Rev. 0

## Product Description

HP-LL 18XF5 is a termopolymer of Ethylene, Propylene & Butene-1 for high strength application especially heavy duty shipping sacks, ice bag, frozen food bags, potato bags and agriculture films. Goods produced from this grade have outstanding toughness, excellent puncture resistance, good heat sealing behavior and excellent machinability on conversion lines. HP-LLDPE's process is easier than conventional LLDPEs and have low gel.

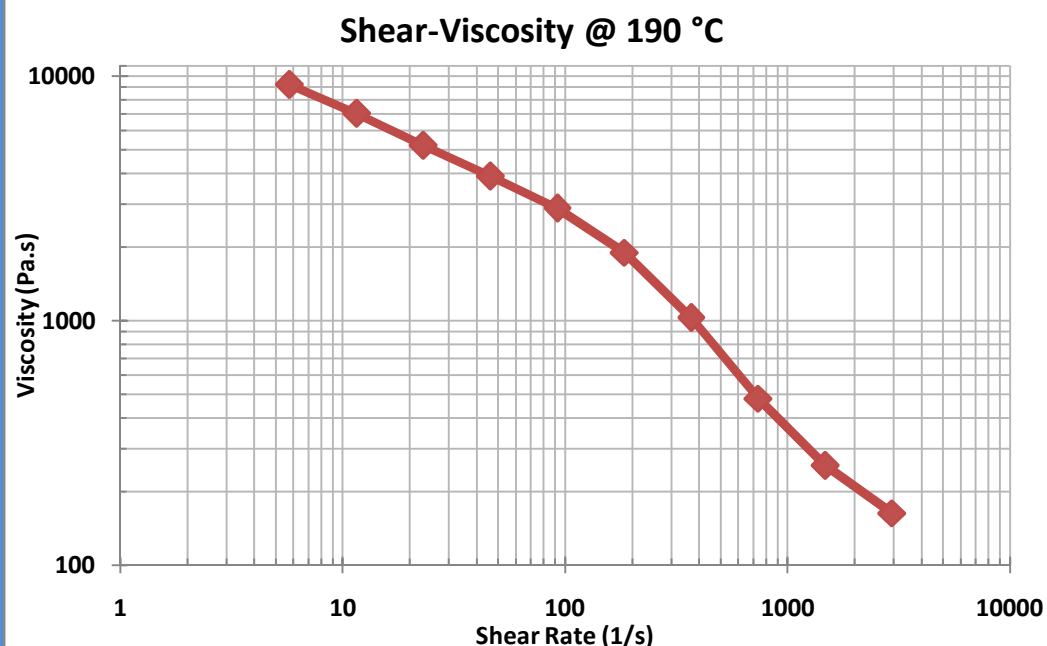
Resin Properties	Unit		Value	Test Method
Melt Index	g/10 min		0.5	D1238
Density	g/cm <sup>3</sup>		0.92	D1505
Film Properties	Unit		Value	Test Method
Dart Impact	g		125	D 1709
Vicat Softening Point	°C		127	D1525
Tensile Strenght at Yield	Mpa	(MD/TD)	11/10	D638
Tensile Strenght at Break	Mpa	(MD/TD)	40/35	D638
Ultimate Elongation	%	(MD/TD)	600/750	D638
Elmendorf Tear	g	(MD/TD)	240/400	D1922
Haze	%		30	D1003
Gloss 45°			25	D2457

- On compression molded according to ASTM D 1928 C

## Processing Conditions

Recommended barrel tempratures rang between 190 °C and 240 °C

The technical information suggested uses and application presented are believed to be accurate and reliable, however JPC makes no warranties either express or implied concerning the information herein or the use of our materials.



#### Storage and Handling

Polyethylene products (in pelletized or powder form) should not be stored in direct sunshine and/or heat radiation. The Storage area should be dry and preferably don't exceed 50 °C. JPC would not responsible about quality diminishing such as color change, bad smell or est. which caused by bad storage conditions. It is better to process PE resin within 6 months after delivery.