



LLDPE High Performanc Blown Film Grade HP-LL18XF5 N

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.

Producer

Jam Petrochemical Company

| Resin Properties | Value | Units | Test Method |
|---------------------------|-------------|-------------------|-------------|
| Melt Index | 0.5 | g/10 min | D1238 |
| Density | 0.918-0.922 | g/cm ³ | D1505 |
| Film Properties | | | |
| Dart Impact | 125 | g | D 1709 |
| Vicat Softening Point | 127 | Mpa | D1922 |
| Tensile Strenght at Yield | 11/10 | Mpa | D638 |
| Tensile Strenght at Break | 40/35 | % | D638 |
| Ultimate Elongation | 600/750 | Mpa | D638 |
| Elmendorf Tear | 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

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.