



Technical Datasheet: LL18XF5 N

Product Description:

LL18XF5 N is a terpolymer of ethylene, propylene & butene-1 for high strength application especially heavy duty shipping sacks, ice bag, frozen food bags, potato bags and agriculture films which have good sealability and excellent puncture resistance. Goods produced from this grade have outstanding toughness, excellent puncture resistance, good heat sealing behavior and excellent machinability on conversion lines. LLDPE's process is easier than conventional LLDPEs and have low gel. LL18XF5 N is a grade without slip additives.

Applications:

- T-bags & other bags
- Food Packaging for frozen products
- Agricultural film
- Heat seal film
- Food Packaging

Typical data:

Property	Test method	Unit	value
Melt Index	D1۲۳۸	g/1۰min	۰.۵
Density	D1۵۰۵	g/cm ³	۰.۹۱۸
Dart Impact	D1۷۰۹	g	۱۲۵
Vicat Softening Point	D1۵۲۵	°C	۱۲۷
Tensile Strength at Yield	D۶۳۸	Mpa	۱۱/۱۰
Tensile Strength at Break	D۶۳۸	Mpa	۴۰/۳۵
Ultimate Elongation	D۶۳۸	%	۶۰۰/۷۵۰
Elmendorf Tear	D1۹۲۲	g	۲۴۰/۴۰۰
Haze	D1۰۰۳	%	۳۰
Gloss F۵°	D۲۴۵۷	-	۲۵