HDPE ACP7000F

Description

ACP7000F resin is a multimodal high density polyethylene product typically used for blown film applications. It has excellent physical properties, good processability, high mechanical strength and good stainability, printability and sealability. The resin is resistant to moisture, oil and chemical corrosion and has excellent high-speed processing properties.

Benefits

- Good processability
- High mechanical strength
- Good stainability
- Good printability
- Good sealability
- high film strength and rigidity

Applications

- Shopping bag
- Food bag
- Garbage bag
- Packaging bag
- Industrial lining
- Multilayer film

Typical properties

Characteristics	Value	Unit	Test Method
Physical			
MFR(190℃,2.16Kg)	0.30	g/10 min	GB/T3682.1-2018
Density	0.9523	g/cm³	GB/T1033.2-2010
Mechanical			
Tensile Strength at Yield	27.0	Mpa	GB/T1040.2-2006
Nominal Tensile Strain at Break	681	%	GB/T1040.2-2006

Notes: The properties data in this table are typical values, not to be construed as guaranteed specifications.

Packaging

ACP7000F is typically packed in polyethylene FFS bags with net weight of 25kg each.

Storage

ACP7000F shoud be stored in a ventilated, dry and clean warehouse with good fire facilities. The material is subjected to degradation by ultra-violet radiation or by high storage temperatures. Therefore the material must be protected from direct sunlight, temperatures above 40℃ and high atmospheric humidity during storage. Further unfavorable storage conditions are large fluctuations in ambient temperature and high atmospheric humidity.

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