NEFTEKHIM PE 5122N

Linear Low Density Polyethylene

Nizhnekamskneftekhim Inc.

Message:

Product obtained by gas phase polymerization of ethylene in presence of complex metalorganic catalysts.
Stabilization recipe: antacid, antioxidant, thermostabilizer, sliding agent, antiblocking agent, processing aid, dispersing agent.
Application: high strength tubular film, Design improved film processability and surface quality.
Technical requirements: TU 2211-145-05766801-2008

General Information	
Additive	Acid Neutralizer
	Antiblock
	Antioxidant
	Heat Stabilizer
	Processing Aid
	Slip
Features	Acid Resistant
	Antiblocking
	Antioxidant
	Dispersible
	Good Processability
	Good Surface Finish
	Heat Stabilized
	High Strength
	Slip
Uses	Film
	Tubing
Forms	Pellets

Physical	Nominal Value	Unit	Test Method
Density	0.920 to 0.924	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70 to 1.3	g/10 min	ASTM D1238
Gel Content [1]			
> 200.0 µm	250	pcs/m²	
200.0 to 500.0 µm	245	pcs/m²	
500.0 to 1000.0 µm	5.00	pcs/m²	
> 1.00 mm	0.00	pcs/m²	
Melt Flow Ratio - MFR 21.6 kg/MFR 2.16 kg	< 30.0		ASTM D1238

Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
2% Secant, MD	130	MPa	
2% Secant, TD	140	MPa	
Tensile Strength			ASTM D882
MD : Yield	50.0	MPa	
TD : Yield	35.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	700	%	
TD : Break	950	%	
Dart Drop Impact	210	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	240	g	
TD	480	g	

NOTE	
1.	p.6 Attachment A TU 2211-14505766801

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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