

NEFTEKHIM PE 5120N

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 agent, dispersing agent.
Application: high strength tubular film, 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		
Uses	Film		
	Tubing		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.918 to 0.922	g/cm ³	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/m ²	
200.0 to 500.0 µm	245	pcs/m ²	
500.0 to 1000.0 µm	5.00	pcs/m ²	
> 1.00 mm	0.00	pcs/m ²	
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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

