

NEFTEKHIM PE 4252A (524H1)

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, processing aid, dispersing agent.
Application: general purpose, blending
Technical requirements: TU 2211-145-05766801-2008

General Information			
Additive	Acid Neutralizer		
	Antioxidant		
	Heat Stabilizer		
	Processing Aid		
Features	Acid Resistant		
	Antioxidant		
	Dispersible		
	Good Processability		
	Heat Stabilized		
Uses	Blending		
	General Purpose		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.950 to 0.954	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.10 to 0.20	g/10 min	ASTM D1238
Gel Content ¹	600	pcs/m ²	
Melt Flow Ratio - MFR 21.6 kg/MFR 5.0 kg	< 20.0		ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
2% Secant, MD	900	MPa	
2% Secant, TD	800	MPa	
Tensile Strength			ASTM D882
MD : Yield	55.0	MPa	
TD : Yield	45.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	470	%	
TD : Break	570	%	

Dart Drop Impact	170	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	11	g	
TD	65	g	

NOTE

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

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