

# NEFTEKHIM PE 4025W (25425)

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: higher stiffness injection molding, lids, containers

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		
	High Stiffness		
Uses	Containers		
	Lids		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.918 to 0.922	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	22 to 28	g/10 min	ASTM D1238
Melt Flow Ratio - MFR 21.6 kg/MFR 2.16 kg	< 30.0		ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256

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