

NEFTEKHIM PE 6054N

High 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, injection molding, Extrusion-compression molding, blow molding.
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	General Purpose
Forms	Pellets
Processing Method	Blow Molding
	Compression Molding
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.952 to 0.956	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	1.3 to 1.7	g/10 min	ASTM D1238
Melt Flow Ratio - MFR 21.6 kg/MFR 5.0 kg	> 18.0		ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	100	J/m	ASTM D256

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