

NEFTEKHIM PE 4052U (52411)

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: high strength grade for 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 Strength		
Uses	Containers		
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)	9.0 to 13	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	1250	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	52	J/m	ASTM D256

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