

NEFTEKHIM PE 6844G (446H7)

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: basic component for PE 80 class pressure pipes.
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	Piping		
Agency Ratings	PPI PE-80		
Forms	Pellets		
Processing Method	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.942 to 0.946	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.60 to 0.80	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance	> 1000	hr	ASTM D1693
Melt Flow Ratio - MFR 21.6 kg/MFR 5.0 kg	< 18.0		ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	300	J/m	ASTM D256

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