# **NEFTEKHIM PE 4851B (504H3)**

### 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, carbon black Application: carbon black filled compound for pressure pipes.

Technical requirements: TU 2211-145-05766801-2008

General Information			
Additive	Acid Neutralizer		
	Antioxidant		
	Carbon Black		
	Heat Stabilizer		
	Processing Aid		
Features	Acid Resistant		
	Antioxidant		
	Dispersible		
	Good Processability		
	Heat Stabilized		
Uses	Piping		
	Plastics Modification		
Forms	Pellets		
Processing Method	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.948 to 0.952	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16			
kg)	0.20 to 0.35	g/10 min	ASTM D1238
Melt Flow Ratio - MFR 21.6 kg/MFR 2.16	50.0		ACTNA D1000
kg	> 50.0		ASTM D1238

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