

NEFTEKHIM PE 6433R (32604)

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,UV-stabilizer, dispersing agent.
Property: high ESCR
Application: rigid rotomolding, chemical storage containers.
Technical requirements: TU 2211-145-05766801-2008

General Information			
Additive	Acid Neutralizer		
	Antioxidant		
	Heat Stabilizer		
	UV Stabilizer		
Features	Acid Resistant		
	Antioxidant		
	Dispersible		
	Good UV Resistance		
	Heat Stabilized		
	High ESCR (Stress Crack Resist.)		
Uses	Industrial Containers		
Forms	Pellets		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.930 to 0.934	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5 to 4.5	g/10 min	ASTM D1238
Melt Flow Ratio - MFR 21.6 kg/MFR 2.16 kg	< 28.0		ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	620	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

