

NEFTEKHIM PP 7445L (EPC57MA)

Polypropylene Copolymer
Nizhnekamskneftekhim Inc.

Message:

Product obtained by copolymerization of propylene and ethylene in presence of complex metalorganic catalysts.
It incorporates increased long-term thermal stability, thermal-oxidative degradation resistance when PP is produced, processed and PP-made articles are exploited, improved rheology of melt. It contains in stabilizing recipe a highly effective stabilizer, antistatic agent, slipping additive, nucleator.
Application: high quality sealing, covers, caps, manufactured by injection or compression molding.
Technical requirements: TU 2211-136-05766801-2006

General Information	
Additive	Antistatic Nucleating Agent Slip Unspecified Stabilizer
Features	Antistatic Block Copolymer Controlled Rheology Good Stability Good Thermal Stability Nucleated Oxidation Resistant Slip
Uses	Caps Protective Coverings Seals
Forms	Pellets
Processing Method	Compression Molding Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	
Apparent Density	0.48 to 0.60	g/cm ³	
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0 to 7.0	g/10 min	ASTM D1238
Ash Content	0.025 to 0.050	%	
Thermal Creep Temperature ¹	64 to 90	°C	
Thermal-oxidative Deterioration (150°C)	15.0	day	
Hardness	Nominal Value	Unit	Test Method

Rockwell Hardness (R-Scale)	40 to 88		
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1250	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	
Vicat Softening Temperature ²	126 to 150	°C	
NOTE			
1.	at load 0.46 H/mm ²		
2.	in liquid medium under force 10 H		

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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



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