

NEFTEKHIM PP 9240P

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, effective nucleation.
Application: compounding, jet molding
Technical requirements: TU 2211-136-05766801-2006

General Information			
Additive	Nucleating Agent		
Features	Block Copolymer		
	Good Thermal Stability		
	Nucleated		
	Oxidation Resistant		
Uses	Compounding		
Forms	Pellets		
Processing Method	Compounding		
	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)	15 to 25	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	850	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	80	J/m	
23°C	350	J/m	

Thermal	Nominal Value	Unit
Vicat Softening Temperature ²	126 to 150	°C

NOTE			
1.	at load 0.46 H/mm ²		

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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

