

NEFTEKHIM PP 8440L (EPC31HR)

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: containers, dishware, luggage bag components, common injection molding.
Technical requirements: TU 2211-136-05766801-2006

General Information			
Additive	Nucleating Agent		
Features	Block Copolymer		
	Good Thermal Stability		
	Nucleated		
	Oxidation Resistant		
Uses	Containers		
	Luggage		
	Table Products		
Forms	Pellets		
Processing Method	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	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	60	J/m	
23°C	150	J/m	
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 |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

