NEFTEKHIM PP 9300M

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.
Application: automobile parts, containers, boxes, scoops, openair exploited articles.
Technical requirements: TU 2211-136-05766801-2006

General Information			
Features	Block Copolymer Good Thermal Stability Oxidation Resistant		
Uses	Automotive Applications Containers Outdoor Applications		
Forms	Pellets		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.900	g/cm³	
Apparent Density	0.48 to 0.60	g/cm³	
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0 to 9.0	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	850	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
-40°C	45	J/m	
-20°C	40	J/m	
23°C	650	J/m	
Thermal	**Nominal Value**	**Unit**	
Vicat Softening Temperature [2]	126 to 150	°C	
NOTE			
1.	at load 0.46 H/mm²		
2.	in liquid medium under force 10 H		

Recommended distributors for this material

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