NEFTEKHIM PP 8300K (EPT30R)

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: packaging, profiles, hot shaping, blow molding, injection molding.
Technical requirements: TU 2211-136-05766801-2006

General Information	
Features	Block Copolymer Good Thermal Stability Oxidation Resistant
Uses	Profiles
Forms	Pellets
Processing Method	Blow Molding Injection Molding Profile Extrusion

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)	3.0 to 4.0	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	1100	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
-20°C	50	J/m	
23°C	160	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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