NEFTEKHIM PP 8300G (EPYS30RE)

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 antistatic properties to produce articles.
Application: blow molding, extrusion and hot shaping.
Technical requirements: TU 2211-136-05766801-2006

General Information	
Additive	Antistatic
Features	Antistatic Block Copolymer Good Thermal Stability Oxidation Resistant
Forms	Pellets
Processing Method	Blow Molding 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)	1.2 to 1.5	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	1150	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
-20°C	50	J/m	
23°C	500	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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