NEFTEKHIM PP 4348U

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 optical properties, improved antistatic properties to produce articles, improved rheology of melt, improved glossy surface of articles, easier demolding.
Application: high-speed jet molding, high-quality packaging, transparent containers and covers.
Technical requirements: TU 2211-136-05766801-2006

General Information			
Additive	Antistatic		
Features	Antistatic Controlled Rheology Copolymer Good Mold Release Good Thermal Stability High Gloss Opticals Oxidation Resistant		
Uses	Containers Packaging Protective Coverings		
Forms	Pellets		
Processing Method	Injection Molding		
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)	65 to 80	g/10 min	ASTM D1238
Ash Content	0.025 to 0.050	%	
Thermal Creep Temperature [1]	70 to 80	°C	
Thermal-oxidative Deterioration (150°C)	15.0	day	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	75 to 82		
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Flexural Modulus	900	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	35	J/m	ASTM D256

Thermal	Nominal Value	Unit
Vicat Softening Temperature [2]	130 to 138	°C

NOTE	
1.	at load 0.46 H/mm^2
2.	in liquid medium under force 10 H

Recommended distributors for this material

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