NEFTEKHIM PP 1300R (Z30G)

Polypropylene Homopolymer

Nizhnekamskneftekhim Inc.

Message:

Product obtained by polymerization of propylene in presence of complex organic metal catalysts.

It incorporates increased long-term thermal stability, thermaloxidative degradation resistance when PP is produced, processed and PP-made articles are exploited.

Application: molded technical and domestic articles, compounding, PP sacks lamination, film. Technical requirements: TU 2211-136-05766801-2006

General Information			
Features	Good Thermal Stability		
	Homopolymer		
	Oxidation Resistant		
Uses	Compounding		
	Engineering Parts		
	Film		
	Household Goods		
	Laminates		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	
Apparent Density	0.48 to 0.52	g/cm³	
Melt Mass-Flow Rate (MFR) (230°C/2.16	20 to 30	a (10 min	
kg) Ash Content	0.025 to 0.050	g/10 min %	ASTM D1238
Thermal Creep Temperature ¹	90 to 96	°C	
Thermal-oxidative Deterioration (150°C)	15.0		
Hardness	Nominal Value	day Unit	Test Method
Rockwell Hardness (R-Scale)	82 to 95	Onit	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1350	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	25	J/m	ASTM D256
Thermal	Nominal Value	Unit	
Vicat Softening Temperature ²	150 to 154	°C	
NOTE			
1.	at load 0.46 H/mm ²		
2.	in liquid medium under force 10 H		

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