NEFTEKHIM PP 1462R (HOXP817)

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, high ambient discoloration resistance, improved rheology of melt.
Application: diapers, medical and sanitary fabric, furniture topping and upholstery.
Technical requirements: TU 2211-136-05766801-2006

General Information			
Features	Controlled Rheology Good Color Stability Good Thermal Stability Homopolymer Oxidation Resistant		
Uses	Disposable Fabrics Fabrics Film Medical/Healthcare Applications Sanitary Products		
Forms	Pellets		
Processing Method	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 kg)	20 to 30	g/10 min	ASTM D1238
Ash Content	0.025 to 0.050	%	
Thermal Creep Temperature [1]	90 to 96	°C	
Thermal-oxidative Deterioration (150°C)	6.3	day	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	82 to 95		
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Flexural Modulus	1300	MPa	ASTM D790
Thermal	**Nominal Value**	**Unit**	
Vicat Softening Temperature [2]	150 to 154	°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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