

NEFTEKHIM PS 500

General Purpose Polystyrene

Nizhnekamskneftekhim Inc.

Message:

Highly flowable PS to manufacture articles by high-speed jet molding. Its high flowability allows for easier filling of mold thin parts.

Application: to manufacture cutlery, cups and food containers.

Technical requirements: ?U 2214-126-05766801-2003

General Information			
Features	Fast Molding Cycle		
	High Flow		
Uses	Cups		
	Disposable Tableware		
	Food Containers		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	11 to 15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	32.0	MPa	ASTM D638
Flexural Strength	62.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	87.0	°C	ASTM D1525
Additional Information	Nominal Value	Unit	
Residual Styrene ¹	< 0.050	%	
NOTE			
1.	GOST 15820 or Fina LAB 1/34-1/35		

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