

NEFTEKHIM PS 525

General Purpose Polystyrene

Nizhnekamskneftekhim Inc.

Message:

To manufacture articles by jet molding, and co-extrusion coating.
Application: to manufacture medical and laboratory items, cups and jewel caskets. Its rheology of melt enables to coat cups, plates and other disposable dishware.
Technical requirements: TU 2214-126-05766801-2003

General Information			
Uses	Cups		
	Disposable Tableware		
	Labware		
	Media Packaging		
	Medical/Healthcare Applications		
Forms	Pellets		
Processing Method	Coextrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	7.0 to 11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	37.0	MPa	ASTM D638
Flexural Strength	80.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	92.0	°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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