

NEFTEKHIM PS 535

General Purpose Polystyrene

Nizhnekamskneftekhim Inc.

Message:

Thermostable PS to manufacture articles by jet molding, extrusion and pneumatic molding.

Application: to manufacture light diffusers, office accessories, electronics packaging.

Technical requirements: TU 2214-126-05766801-2003

General Information			
Uses	Business Equipment		
	Lighting Diffusers		
	Media Packaging		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.5 to 4.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	38.0	MPa	ASTM D638
Flexural Strength	90.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	94.0	°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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