

# NEFTEKHIM PS 585

General Purpose Polystyrene

Nizhnekamskneftekhim Inc.

## Message:

Low flowable PS with high molecular weight.

Application: to extrude expanded articles, such like eggs containers, meat and meal trays, to manufacture aligned structure sheet PS.

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

General Information			
Features	Foamable		
	High Molecular Weight		
	Low Flow		
Uses	Sheet		
	Support Trays		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.5 to 3.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	38.0	MPa	ASTM D638
Flexural Strength	95.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	98.0	°C	ASTM D1525
Additional Information	Nominal Value	Unit	
Residual Styrene <sup>1</sup>	< 0.050	%	
NOTE			
1.	GOST 15820 or Fina LAB 1/34-1/35		

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### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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