

# NEFTEKHIM PS 625

High Impact Polystyrene  
Nizhnekamskneftekhim Inc.

Message:

HIPS with balanced physical properties.  
Application: to manufacture collectable scale models, toys, houseware and containers, requiring for stability of cycles, with thin-wall parts and complex gates. Its natural whiteness allows for maintaining brightness of colors and reproduction of tints. It serves as a color base to prepare dye concentrates for plastics coloration.

General Information			
Features	Good Colorability		
Uses	Containers		
	Household Goods		
	Thin-walled Parts		
	Toys		
Appearance	White		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	10 to 14	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	20.0	MPa	ASTM D638
Tensile Elongation (Break)	27	%	ASTM D638
Flexural Strength	40.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	63	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	80.0	°C	ASTM D1525
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	70		ASTM D523
Additional Information	Nominal Value	Unit	
Residual Styrene <sup>1</sup>	< 0.050	%	
NOTE			
1.	GOST 15820 or Fina LAB 1/34-1/35		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

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

