

NEFTEKHIM PS 410M

General Purpose Polystyrene

Nizhnekamskneftekhim Inc.

Message:

Normal-flow general-purpose polystyrene grade with mineral oil as plasticizer. Produced by initiated mass polymerization method. Application: manufacturing of products by pressure molding. Recommended for manufacturing of house ware, food containers, medical ware, stationery, toys, etc.

General Information			
Additive	Plasticizer 2		
Uses	Food Containers		
	General Purpose		
	Household Goods		
	Medical/Healthcare Applications		
	Stationary Supplies		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.0 to 12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	39.0	MPa	ASTM D638
Flexural Strength	73.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	91.0	°C	ASTM D1525
Additional Information	Nominal Value	Unit	
Residual Styrene ¹	0.050	%	
NOTE			

1. TU 2214-126-05766801

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