

NEFTEKHIM PS 430M

General Purpose Polystyrene

Nizhnekamskneftekhim Inc.

Message:

High-flow general-purpose polystyrene grade with mineral oil as plasticizer. Produced by initiated mass polymerization method. Application: manufacturing of products by pressure molding with quicker cycle. Its high flowing feature ensures easy filling of mold thin parts. Recommended for manufacturing of house ware, thin-walled food containers, toys, etc.

General Information			
Additive	Plasticizer 2		
Features	High Flow		
Uses	General Purpose		
	Household Goods		
	Thin-walled Parts		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	25 to 35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	35.0	MPa	ASTM D638
Flexural Strength	55.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	84.0	°C	ASTM D1525
Additional Information	Nominal Value	Unit	
Residual Styrene ¹	0.050	%	
NOTE			
1.	TU 2214-126-05766801		

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