

NEFTEKHIM PS 402

General Purpose Polystyrene

Nizhnekamskneftekhim Inc.

Message:

High-strength general-purpose polystyrene grade without mineral oil. Produced by initiated mass polymerization method. Application: extrusion processing. Recommended for production of biaxially-oriented polystyrene (BOPS) film, thin-walled food containers, heat-insulation sheet foam.

General Information			
Features	High Strength		
Uses	Bi-axially Oriented Film		
	Foam		
	Foamed Insulation Board		
	Food Containers		
	General Purpose		
	Thin-walled Containers		
Forms	Pellets		
Processing Method	Bi-axially Oriented Film		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.2 to 2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	47.0	MPa	ASTM D638
Flexural Strength	92.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	97.0	°C	ASTM D1525
Additional Information	Nominal Value	Unit	
Residual Styrene ¹	0.050	%	
NOTE			
1.	TU 2214-126-05766801		

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