

NEFTEKHIM PS 590

General Purpose Polystyrene

Nizhnekamskneftekhim Inc.

Message:

Low melt-flow polystyrene with high molecular weight.
Application: manufacture of biaxially-oriented polystyrene film, extrusion of expanded items, such as eggs containers, meat trays and food dispensing accessories.
Technical specifications: TU 2214-126-05766801-2003

General Information	
Features	High Molecular Weight
	Low Flow
Uses	Bi-axially Oriented Film
	Containers
	Support Trays
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)	1.5 to 2.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	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	< 0.050	%	

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