

NEFTEKHIM PS 825EF

High Impact Polystyrene
Nizhnekamskneftekhim Inc.

Message:

To manufacture articles by extrusion and hot shaping. Fat-resistant.
Application: to manufacture industrial packaging by hot shaping and composite shaped plate by extrusion.
Technical requirements: TU 2214-126-05766801-2003

General Information			
Uses	Packaging		
	Industrial application		
Forms	Particle		
Processing Method	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.0 - 5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	20.0	MPa	ASTM D638
Tensile Elongation (Break)	45	%	ASTM D638
Flexural Strength	38.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	88.0	°C	ASTM D1525
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	48		ASTM D523
Additional Information			

Mass fraction of residual styrene, GOST 15820 or Fina LAB 1/34-1/35: 0.05% max

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