

# NEFTEKHIM PS 825ES

High Impact Polystyrene

Nizhnekamskneftekhim Inc.

## Message:

To manufacture articles by extrusion and hot shaping.

Application: to manufacture industrial packaging by hot shaping and composite shaped plate by extrusion. For thin-layer 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
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Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.0 - 5.0	g/10 min	ASTM D1238
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Mechanical	Nominal Value	Unit	Test Method
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Tensile Strength (Break)	21.0	MPa	ASTM D638
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Tensile Elongation (Break)	50	%	ASTM D638
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Flexural Strength	35.0	MPa	ASTM D790
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Impact	Nominal Value	Unit	Test Method
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Notched Izod Impact	96	J/m	ASTM D256
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Thermal	Nominal Value	Unit	Test Method
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Vicat Softening Temperature	92.0	°C	ASTM D1525
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Optical	Nominal Value	Test Method
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Gardner Gloss (60°)	50	ASTM D523
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## Additional Information

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

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