

NEFTEKHIM PS 680

High Impact Polystyrene
Nizhnekamskneftekhim Inc.

Message:

Developed for foam extrudate and laminate.
Application: to extrude foam laminate and film. In cases, when GPPS requires some impact strength and requires no extraordinary transparency, e.g., an envelope with a transparent paper window, grade 680 is used. As a modifier for aligned structure sheet PS.
Technical requirements: ?U 2214-126-05766801-2003

General Information			
Features	Foamable		
Uses	Foam		
	Laminates		
	Plastics Modification		
Forms	Pellets		
Processing Method	Extrusion		
	Laminating		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.0 to 3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	40.0	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Strength	80.0	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	41	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	91.0	°C	ASTM D1525
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	65		ASTM D523
Additional Information	Nominal Value	Unit	Test Method
Residual Styrene ¹	0.050	%	Internal Method
NOTE			
1.	Mass Fraction		

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