

NEFTEKHIM PS 740

High Impact Polystyrene
Nizhnekamskneftekhim Inc.

Message:

To manufacture articles by jet molding and extrusion.
Application: to manufacture household and electronic appliances by high-speed jet molding.
Technical requirements: TU 2214-126-05766801-2003

General Information			
Features	High Impact Resistance		
Uses	Appliances		
	Household Goods		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.5 to 5.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	18.0	MPa	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Strength	40.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	85.0	°C	ASTM D1525
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	60		ASTM D523
Additional Information	Nominal Value	Unit	
Residual Styrene ¹	< 0.050	%	
NOTE			
1.	GOST 15820 or Fina LAB 1/34-1/35		

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