

# Gazprom UPM-0508 (First Grade)

High Impact Polystyrene

JSC Gazprom neftekhim Salavat

Message:

## APPLICATIONS

Polystyrene is used for extrusion and die casting of industrial products and consumer goods.

General Information	
Features	Impact resistance, high
Uses	Industrial application
	Consumer goods application field
Appearance	Available colors
	Colorless
Forms	Particles
Processing Method	Extrusion
	Film forming

Physical	Nominal Value	Unit
Melt Mass-Flow Rate (MFR)	2.0 - 8.0	g/10 min
Moisture Content		wt%
Particle Size		
	1.5-2 mm Granules	wt%
	2-5 mm Granules	> 98.0 wt%
	5-8 mm Granules	wt%
Residual monomer-Styrene		wt%

Mechanical	Nominal Value	Unit
Tensile Strain (Break)	> 20	%

Impact	Nominal Value	Unit
Charpy Unnotched Impact Strength	> 4.9	kJ/m <sup>2</sup>

Additional Information	Nominal Value	Unit
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Polymer Purity: Clean disc surface. One 0.2-0.3 mm inclusion permissible as the area, cm<sup>2</sup>Undissolved Rubber (gel): Not Allowed

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

