

# Grupo IDESA GPPS K-9-S-02

General Purpose Polystyrene

Grupo IDESA, S.A. de C.V.

## Message:

Transparent pellet of General Purpose Polystyrene, that shows easy molding, medium melt flow index, flexibility and presents dimensional stability.

General Information	
Features	Good dimensional stability Good formability Medium liquidity General
Uses	Foam
Appearance	Clear/transparent
Forms	Particle
Processing Method	Foam treatment Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4170	MPa	ASTM D638
Tensile Strength (Break)	46.6	MPa	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	106	°C	ASTM D1525

## Additional Information

Melt Mass-Flow Rate, MP-720, 200°C/5.0 kg: 1.3 to 1.8 g/10 min  
Tensile Modulus, MP-722: 35000 to 50000 kg/cm<sup>2</sup>  
Tensile Strength @ Break, MP-722: 430 to 520 kg/cm<sup>2</sup>  
Vicat Softening Point, MP-723: 103 to 109°C  
Tone, MP-728: 1 Delta E max

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## Recommended distributors for this material

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