

# Grupo IDESA GPPS K-2-L-01

General Purpose Polystyrene

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

## Message:

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

General Information	
Features	Good dimensional stability
	Good formability
	Good flexibility
	High liquidity
	General
Uses	Packaging
	Thin wall container
	Mixing
	General
Agency Ratings	FDA 21 CFR 177.1640
Forms	Particle
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3920	MPa	ASTM D638
Tensile Strength (Break)	36.3	MPa	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	91.0	°C	ASTM D1525

Additional Information	
Melt Mass-Flow Rate, MP-720, 200°C/5.0 kg: 13 to 16 g/10 minTensile Modulus, MP-722: 35000 to 45000 kg/cm <sup>2</sup> Tensile Strength @ Break, MP-722: 320 to 420 kg/cm <sup>2</sup> Vicat Softening Point, MP-723: 88 to 94°CTone, MP-728: 1 Delta E max	

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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

