

SUPREME GPPS SC 201 EL

General Purpose Polystyrene

Supreme Petrochem Ltd.

Message:

SUPREME GPPS SC 201 EL is a General Purpose Polystyrene product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, or North America. Applications of SUPREME GPPS SC 201 EL include automotive, caps/lids/closures, household applications and lighting applications.

Characteristics include:

- Clarity
- Heat Resistant
- High Molecular Weight

General Information			
Features	General Purpose		
	Good Melt Strength		
	High Clarity		
	High Heat Resistance		
	High Molecular Weight		
Uses	Automotive Applications		
	Bathroom Accessories		
	Caps		
	General Purpose		
	Lighting Diffusers		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	49.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	2.0	%	ASTM D638
Flexural Modulus (3.20 mm)	3040	MPa	ASTM D790
Flexural Strength (Yield, 3.20 mm)	93.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	19	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	87.0	°C	ASTM D648
Vicat Softening Temperature	105	°C	ASTM D1525 ³
NOTE			

1.	50 mm/min
2.	50 mm/min
3.	Rate B (120°C/h)

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

