

# ResinDirect GPPS7

General Purpose Polystyrene

ResinDirect

Message:

ResinDirect GPPS7 is a General Purpose Polystyrene material. It is available in North America.

Important attributes of ResinDirect GPPS7 are:

Flame Rated

Crystalline

General Information			
Features	Crystal		
	Medium Flow		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	37.9	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	2.0	%	ASTM D638
Flexural Modulus <sup>3</sup>	3450	MPa	ASTM D790
Flexural Strength <sup>4</sup>	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°C	ASTM D648
Vicat Softening Temperature	102	°C	ASTM D1525 <sup>5</sup>
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
NOTE			
1.	5.1 mm/min		
2.	5.1 mm/min		
3.	2.5 mm/min		
4.	2.5 mm/min		
5.	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

