

# ResinDirect GPPS13

General Purpose Polystyrene

ResinDirect

Message:

ResinDirect GPPS13 is a General Purpose Polystyrene material. It is available in North America.

Important attributes of ResinDirect GPPS13 are:

Flame Rated

Crystalline

High Flow

General Information			
Features	Crystal		
	High Flow		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	62.1	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	3.0	%	ASTM D638
Flexural Modulus <sup>3</sup>	3100	MPa	ASTM D790
Flexural Strength <sup>4</sup>	62.1	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)	81.1	°C	ASTM D648
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		

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Recommended distributors for this material

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