

VinPol™ PS200

General Purpose Polystyrene

Melt Flow: 20

GPPS

VINPOL PS200 is a general purpose polystyrene with high flow and easy processability for thin wall, complex injection molded parts. Typical applications include single service cutlery and toys. This product meets the requirements of the U. S. Food and Drug Administration as specified in 21 CFR 177.1640.

Resin Property	Typical Value	Units	Test Method
Melt Flow Rate, (200 °C/5.0kg)	20	g/10 min	ASTM D-1238
Density	1.04	g/cm ³	ASTM D-792
Tensile Strength, Break	5,500 (38)	psi (MPa)	ASTM D-638
Tensile Modulus	525,000 (3,620)	psi (MPa)	ASTM D-638
Break Elongation	3	%	ASTM D-638
Vicat Temperature	178 (81)	°F (°C)	ASTM D-1525
HDT @ 264 PSI (Unannealed)	165 (74)	°F (°C)	ASTM D-648
Flammability 0.060 in	HB	-	UL94
Light Transmittance	90	%	ASTM D1003

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