

VINPOL™ PS060H

General Purpose Polystyrene

Melt Flow: 6

GPPS

VINPOL PS060H is a general purpose polystyrene with medium flow, good heat resistance, and good mold release for injection molding applications. Typical applications include pen barrels, disposable items, and office supplies. This product meets the requirements of the U. S. Food and Drug Administration as specified in 21 CFR 177.1640. This product also has a UL 94 HB flammability rating.

Resin Property	Typical Value	Units	Test Method
Melt Flow Rate, (200 °C/5.0kg)	6	g/10 min	ASTM D-1238
Density	1.04	g/cm ³	ASTM D-792
Tensile Strength, Break	7,650 (53)	psi (MPa)	ASTM D-638
Tensile Modulus	470,000 (3,240)	psi (MPa)	ASTM D-638
Break Elongation	1.6	%	ASTM D-638
Vicat Temperature	225 (107)	°F (°C)	ASTM D-1525
HDT @ 264 psi (Unannealed)	185 (85)	°F (°C)	ASTM D-648
Flammability	HB	-	UL 94
Light Transmittance	90	%	ASTM D-1003

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