

VINPOL™ PS0302

High Impact Polystyrene

Melt Flow: 3

Natural, Water Clear & Blue Tints

VINPOL PS0302 is a HIPS designed for sheet extrusion applications, such as point of purchase displays and deep draw thermoforming. It also is suitable for blends with GPPS for disposable packaging, cups and plates. Natural, Yellow, Water clear and blue tints are available. This product meets all 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)	3	g/10 min	ASTM D-1238
Specific Gravity	1.04	g/cm ³	ISO-1183
Tensile Modulus	290,000 (2,000)	psi (MPa)	ASTM D-638
Break Elongation	50	%	ASTM D-638
Notched Izod Impact (0.50 in)	2.2 (117)	ft-lb/in (J/m)	ASTM D-256
Vicat Temperature	194 (90)	°F (°C)	ASTM D-1525
HDT @ 264 PSI (Unannealed)	176 (80)	°F (°C)	ASTM D648
Flammability	HB	-	UL 94

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