



VINPOL™ PCASA250R

Polycarbonate + ASA

Melt Flow: 25

With Release Additive

VINPOL PCASA250R is a polycarbonate + ASA designed for injection molding and offering excellent weatherability/UV resistance, high impact, chemical resistance, ROHS/REACH compliance, and high gloss. This product contains an added release additive, is opaque/translucent and available in custom colors. Typical applications include appliances, lawn and garden, automotive, electronics and enclosures.

Resin Property	Typical Value	Units	Test Method
Melt Flow, 260°C/5.0kg	25	g/10 min	ASTM D-1238
Melt Flow, 220°C/10.0kg	8	g/10 min	ASTM D-1239
Density	1.17		ASTM D-792
Mold Shrinkage, Flow, 3.2 mm	0.5-0.7	%	Supplier Method
Outdoor Suitability (QUV)	Pass	-	Supplier Method
Tensile Strength, yld	8,000	psi	ASTM D-638
Tensile Elongation, brk	50	%	ASTM D-638
Flexural Modulus	350,000	psi	ASTM D-790
Notched Izod Impact	8	ft-lbs/in	ASTM D-256
Rockwell Hardness	115	R-Scale	ASTM D-785
Deflection Temperature Under Load, 1.8 MPa	220	°F	ASTM D-648
Vicat Softening Temperature	119	°F	ASTM D-1525
Coefficient of Linear Thermal Expansion, Flow	4.0E-05	in/in/°F	ASTM E-831
Flammability, 0.06 in	HB	-	UL 94, Supplier Method

Vinmar Polymers America cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their particular purposes. The data listed herein falls within the normal range of product properties, but they should not be used to establish specification limits or used alone as the basis of design.

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