vinmar polymers america

VINPOL™ AB0907

Acrylonitrile-Butadiene-Styrene

Melt Flow: 9 | Specific Gravity: 1.04

VINPOL AB0907 is a general purpose ABS with high impact. It is available in natural color.

Resin Property	Typical Value	Units	Test Method
Melt Flow, 220°C, 10 kg	9	g/10 min	ASTM D-1238
Specific Gravity	1.04	-	ASTM D-792
Mold Shrinkage, 3.2 mm	0.4-0.7	%	ASTM D-955
Tensile Strength	5,220 (36)	psi (MPa)	ASTM D-638
Flexural Strength	8,850 (61)	psi (MPa)	ASTM D-790
Flexural Modulus	270,000 (1862)	psi (MPa)	ASTM D-790
Rockwell Hardness, R-scale	95	-	ASTM D-785
Notched Izod Impact Strength, 73 °F (23°C), ¼"	7.0 (373)	ft-lb/in (J/m)	ASTM D-256
Vicat Softening Point, 1 kg load	210 (99)	°F (°C)	ASTM D-1525
HDT, 264 psi, unannealed	183 (84)	°F (°C)	ASTM D-648
HDT, annealed, 176 °F (80 °C), 8 hrs	201 (94)	°F (°C)	ASTM D-648
Flammability	HB	-	UL94

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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