

Novatec Novaloy® 9000 PVC + ABS

Category : Polymer , Thermoplastic , ABS Polymer , ABS/PVC Alloy , Vinyl (PVC)

Material Notes:

Novaloy® 9000 is a specialty engineering alloy of ABS/PVC designed for injection molding, profile and sheet extrusion. Novaloy® 9000 has been formulated to provide excellent processing characteristics, high heat distortion temperatures along with excellent retention of physical properties upon aging. Impact resistance is excellent at both room and low temperature. Raw material appearance is Colored Opaque Pellets. Applications: Products made from Novaloy® 9000 are suitable for a variety of applications such as appliance housings, electrical boxes, communications, lawn and garden applications as well as recreational. Information supplied by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Novatec-Novaloy-9000-PVC-ABS.php

Physical Properties	Metric	English	Comments
Density	1.19 - 1.23 g/cc	0.0430 - 0.0444 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	42.2 MPa	6120 psi	ASTM D638
Modulus of Elasticity	2.41 GPa	350 ksi	ASTM D638
Flexural Yield Strength	75.2 MPa	10900 psi	ASTM D790
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	4.00 J/cm	7.49 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	76.9 °C	170 °F	ASTM D648
Oxygen Index	31 %	31 %	

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