

## Bayshore Vinyl Compounds BRC R409006/HR.WHT Injection Molding Compound

Category : Polymer , Thermoplastic , Vinyl (PVC)

### Material Notes:

BRC R409006/HR is a Type 1 / Grade 1 injection molding compound developed for hot runner applications. BRC R409006/HR meets the cell classification of 12454-B. BRC R409006/HR WHT has been designed for ease of process for multi-cavity molds. Information Provided by Bayshore Vinyl Compounds Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Bayshore-Vinyl-Compounds-BRC-R409006HRWHT-Injection-Molding-Compound.php](http://www.lookpolymers.com/polymer_Bayshore-Vinyl-Compounds-BRC-R409006HRWHT-Injection-Molding-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	ASTM D2240
Tensile Strength at Break	49.9 MPa	7240 psi	ASTM D638
Tensile Modulus	2.83 GPa	411 ksi	ASTM D638
Flexural Yield Strength	91.7 MPa	13300 psi	ASTM D790
Flexural Modulus	2.96 GPa	430 ksi	ASTM D790
Izod Impact, Unnotched	1.60 J/cm	3.00 ft-lb/in	ASTM D256
Impact	2.8	2.8	Gardner [in-lb/mil]; ASTM D5420

Thermal Properties	Metric	English	Comments
Heat Distortion Temperature	72.0 °C	162 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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