

Bayshore Vinyl Compounds BRC R409002 Molding Compound

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

BRC 409002 is a medium impact high flow injection molding compound designed for ease of process along with excellent weathering characteristics. Information Provided by Bayshore Vinyl Compounds Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bayshore-Vinyl-Compounds-BRC-R409002-Molding-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	ASTM D2240
Tensile Strength at Break	40.0 MPa	5800 psi	ASTM D638
Tensile Modulus	2.55 GPa	370 ksi	ASTM D638
Flexural Yield Strength	73.1 MPa	10600 psi	ASTM D790
Flexural Modulus	2.62 GPa	380 ksi	ASTM D790
Izod Impact, Unnotched	8.01 J/cm	15.0 ft-lb/in	ASTM D256
Impact	3.8	3.8	Gardner [in-lb/mil]; ASTM D5420

Thermal Properties	Metric	English	Comments
Heat Distortion Temperature	65.0 °C	149 °F	ASTM D648

Descriptive Properties	Value	Comments
Equilibrium Torque (metergrams)	1000	187°C, 65g

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