

# Dion VER 9200

Vinyl Ester  
Reichhold Chemicals, Inc.

Message:

Dion VER 9200 is a Vinyl Ester product. It can be processed by filament winding, hand lay-up, or laminating and is available in North America. Typical application: Coating Applications.  
Characteristics include:  
Heat Resistant  
Chemical Resistant

| General Information |  |
|---------------------|--|
| Features            | Good Chemical Resistance<br>Good Thermal Stability<br>High Heat Resistance |
| Uses                | Laminates  |
| Forms               | Pellets  |
| Processing Method   | Filament Winding<br>Hand Lay-up<br>Laminating                              |

| Physical  | Nominal Value | Unit              | Test Method |
|---|---------------|-------------------|-------------|
| Apparent Density  | 1.12          | g/cm <sup>3</sup> | ASTM D1895  |
| Hardness  | Nominal Value | Unit              | Test Method |
| Barcol Hardness (3.18 mm)                               | 40            |                   | ASTM D2583  |
| Mechanical  | Nominal Value | Unit              | Test Method |
| Tensile Modulus   | 3100          | MPa               | ASTM D638   |
| Tensile Strength (Yield)                                | 81.4          | MPa               | ASTM D638   |
| Tensile Elongation (Yield)                              | 4.0           | %                 | ASTM D638   |
| Flexural Modulus  | 3520          | MPa               | ASTM D790   |
| Flexural Strength (Yield)                               | 150           | MPa               | ASTM D790   |
| Thermal   | Nominal Value | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 121           | °C                | ASTM D648   |

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