

Dion VER 9100

Vinyl Ester
Reichhold Chemicals, Inc.

Message:

Dion VER 9100 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. Primary characteristic: chemical resistant.

General Information			
Features	Good Chemical Resistance		
Uses	Laminates		
Forms	Pellets		
Processing Method	Filament Winding		
	Hand Lay-up		
	Laminating		

Physical	Nominal Value	Unit	Test Method
Apparent Density	1.12	g/cm ³	ASTM D1895

Hardness	Nominal Value	Unit	Test Method
Barcol Hardness (3.18 mm)	35		ASTM D2583

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3170	MPa	ASTM D638
Tensile Strength (Yield)	80.0	MPa	ASTM D638
Tensile Elongation (Yield)	5.2	%	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790
Flexural Strength (Yield)	159	MPa	ASTM D790

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	104	°C	ASTM D648

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