

CoREZYN® CORVE8100-50

Vinyl Ester
Interplastic Corporation

Message:

Interplastic offers vacuum infusion resins with tailored cure times that meet your precise application requirements. Our resins help you make very consistent, high-strength, lightweight parts that increase your product quality. The vacuum infusion process, combined with Interplastic resins, decreases costs for labor, tooling and equipment while substantially reducing styrene emissions, compared to open molding and wet-layout vacuum bagging. Our full line of resins is perfect for a wide range of applications, including marine products and parts, vehicle components, surfboards, swimming pools, turbine rotor blades and more.

Unique Characteristics
High-performance; ingredients conform to CFR21-177.2400; moderate laminate exotherm, allows for flexible timing of manufacturing

Applications
Marine and components requiring high corrosion resistance and high-temperature applications

General Information			
Features	Good Corrosion Resistance		
	High Strength		
Uses	Automotive Applications		
	High Temperature Applications		
	Marine Applications		
	Surfboards		
	Swimming Pools		
Agency Ratings	FDA 21 CFR 177.2400		
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break, 3.20 mm, Cast)	4.5	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (3.20 mm)	99	°C	ASTM D648
Gel to Peak	10.0 to 25.0	min	
Uncured Properties	Nominal Value	Unit	
Viscosity ¹ (25°C, Brookfield HBT)	0.080 to 0.12	Pa · s	
Gel Time	70 to 90	min	
NOTE			
1.	LV#2 @ 60 rpm		

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Recommended distributors for this material

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