CoREZYN® COR45-BA-199

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
Excellent dimensional stability; FDA-approvable; ingredients conform to CFR21-177.2400
Applications
Components requiring good corrosion resistance and high-temperature applications

General Information	
Features	Good Corrosion Resistance
	Good Dimensional Stability
	High Strength
	Isophthalic
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)	2.4	%	ASTM D638
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (3.20 mm)	108	°C	ASTM D648
Gel to Peak	8.0 to 15.0	min	
Uncured Properties	**Nominal Value**	**Unit**	
Viscosity [1] (25°C, Brookfield HBT)	0.23 to 0.28	Pa·s	
Gel Time	20 to 25	min	

NOTE	
1.	LV#3 @ 60 rpm

Recommended distributors for this material

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