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

Features Good Corrosion Resistance Good Dimensional Stability Good Dimensional Stability High Strength Isophthalic Uses Automotive Applications High Temperature Applications Marine Applications Marine Applications Surfboards Surfboards Surfboards Swimming Pools Swimming Pools Mechanical Nominal Value Unit 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 Unit Test Method Uncured Properties Nominal Value Unit Test Method Viscosity ¹ (25°C, Brookfield HBT) 0.23 to 0.28 Pa·s Ster Simple Construction for Simple Con				
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Gel Time 20 to 25 min NOTE	Uncured Properties	Nominal Value	Unit	
NOTE	Viscosity ¹ (25°C, Brookfield HBT)	0.23 to 0.28	Pa·s	
	Gel Time	20 to 25	min	
1 IV#3 @ 60 rpm	NOTE			
	1.	LV#3 @ 60 rpm		

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