

CoREZYN® COR45-BA-637

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

Most economical; high reactivity in polymerization

Applications

Rigid composite and high-temperature parts needing low shrinkage

General Information			
Features	High Reactivity High Strength Low Shrinkage		
Uses	Automotive Applications High Temperature Applications Marine Applications Surfboards Swimming Pools		
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break, 3.20 mm, Cast)	1.4	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (3.20 mm)	108	°C	ASTM D648
Gel to Peak	5.0 to 10.0	min	
Uncured Properties	Nominal Value	Unit	
Viscosity ¹ (25°C, Brookfield HBT)	0.080 to 0.10	Pa·s	
Gel Time	8.0 to 12	min	
NOTE			
1.	LV#2 @ 60 rpm		

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Recommended distributors for this material

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