

CG 83

Product Information

CG 83 is a high performance filled cast elastomer designed for processing through plural component, low-pressure dispensing equipment or mixing and casting by hand. This material is tough and has high impact resistance, very low shrink rate and excellent duplication properties.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	800 - 1000	1400 - 1600
Specific Gravity (gr/ml)	1.69 - 1.71	1.71 - 1.73

Physical Properties (Final Product)

Hardness, Shore D, ASTM D-2240	78-82
Tensile Strength (psi), ASTM D-412	5500
Elongation (%), ASTM D-412	10
Compressive Strength	7800 - 8200
Shrink Rate Per Linear Inch, ASTM D-955	0.003

Handling Characteristics

Mix Ratio by Weight (A/B)	50 / 50
Gel Time at 75°F (minutes)	12 - 14
Demold Time (hours)	2 - 3
90% Cure Time (hours)	48

Storage and Shelf Life

Components should be kept well sealed in a dry place from 70 to 90°F. Shelf life of unopened containers is six (6) months from manufacturing date. Mix Component B well prior to each use. Purge opened containers with dry nitrogen before resealing. Refer to product SDS for more information.

Packaging

Component A:	1 gallon steel can (open top)	8 lb	Net Weight
	55 gallon steel drum (closed top)	500 lb	Net Weight
Component B:	1 gallon steel can (open top)	8 lb	Net Weight
	55 gallon steel drum (open top)	450 lb	Net Weight

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