

CE 3560

Product Information

CE 3560 is a high performance castable polyurethane elastomer designed for processing through plural component, low-pressure dispensing equipment or mixing and casting by hand. Once fully cured, this material is tough and has high impact resistance. CE 3560 exhibits very good surface characteristics and excellent moldability. CE 3560 performs well as a mold making material where long mold life is essential.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	950 - 1300	900 - 1300
Specific Gravity (gr/ml)	1.12 - 1.13	1.09 - 1.10

Physical Properties (Final Product)

Hardness, Shore A, ASTM D-2240	47 + / -3
Tensile Strength (psi), ASTM D-412	1200
Elongation (%), ASTM D-412	300
Tear Strength (pli), ASTM D-624, Die C	130

Handling Characteristics

Mix Ratio by Weight (A:B):	23 / 77
Mix Ratio by Volume (A:B):	N / A
Gel Time Adjustable (at 75°F), (minutes)	7 – 9 minutes
Tack Free Time (minutes)	Variable
Demold Time (minutes)	90 - 120
Final Cure Time (hours)	24

Storage and Shelf Life

Components A and B should be kept well sealed in a dry place from 65 to 90°F. Shelf life of unopened containers is six (6) months from manufacturing date. Purge opened containers with dry nitrogen before resealing. Refer to product MSDS for more information.

Packaging

Component A:	55 gallon steel drum (closed top)	500 lb Net Weight
	275 gallons plastic bins	2500 lb Net Weight
Component B:	55 gallon steel drum (open top)	450 lb Net Weight
	275 gallons plastic bins	2250 lb Net Weight

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