

ETECO, INC.

POLYURETHANE SPECIALIST

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CE 5960

Product Information

CE 5960 is a High Performance, multi-purpose polyurethane Cast Elastomer designed for processing through plural component, high pressure or low-pressure dispensing equipment, or hand mix. Once fully cured, CE 5960 has excellent physical properties and exhibits high gloss aesthetics. Useful for a broad range of applications.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	750 - 800	900 - 950
Specific Gravity (gr/ml)	1.16 - 1.18	1.00 - 1.02

Physical Properties (Final Product)

Hardness, Shore A, ASTM D-2240	58 - 62
Tensile Strength (psi), ASTM D-412	1400
Elongation (%), ASTM D-412	700
Split Tear Strength (pli)	65
Tear Strength (pli), ASTM D-624, Die C	160
Resilience (% Rebound)	55
Shrinkage (in./in.)	0.010 - 0.015
Color	Natural or Pigmented

Handling Characteristics

Mix by Weight (A/B)	25 / 75
Gel Time at 75°F (seconds)	120 - 300
Demold Time	< 1 hour
Mold Temperature (°F)	110 - 140
90% Cure Time (hours)	24

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

Non-Warranty: This information is furnished without warranty, expressed or implied, except that is accurate to the best knowledge of Eteco, Inc. The data on these sheets relates only to the specific material designated herein. Eteco, Inc. assumes no legal responsibility for use or reliance upon this data. The user should conduct sufficient investigation to establish the suitability of any product for its intended use.