

ETECO, INC.

POLYURETHANE SPECIALIST

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CE 5950

Product Information

CE 5950 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 5950 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	48 - 52
Tensile Strength (psi), ASTM D-412	1100
Elongation (%), ASTM D-638	650
Split Tear Strength (pli)	60
Tear Strength (pli) ASTM D-624, Die C	150
Resilience (% Rebound)	55
Shrinkage (in./in.)	0.010 - 0.015
Color	Natural or Pigmented

Handling Characteristics

Mix Ratio by Weight (A/B)	22/78
Gel Time (at 75°F), (seconds)	120 - 300
Demold Time	< 1 hour
Mold Temperature (°F)	110 - 140
90% Cure Time (hours)*	24

(*) Final physical properties will be reached in a course of several days.

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 MSDS 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

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