

CE 3158-3

Product Information

CE 3158-3 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 3158-3 has excellent Physical Properties and exhibits high gloss aesthetics.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	850 - 1020	600 - 800
Specific Gravity (gr/ml)	1.18 - 1.20	1.02 - 1.04

Physical Properties (Final Product)

Hardness, Shore A, ASTM D-2240	58-64
Tensile Strength (psi), ASTM D-412	1280 psi
Elongation (%), ASTM D-412	348%
Tear Strength (pli), ASTM D-624, Die C	87 pli
Color	Natural or Pigmented

Handling Characteristics

Mix Ratio by Weight (Component A: Component B)	28A / 72B
Gel Time at 75°F (seconds)	240-280 sec
(at 85 °F), (seconds)	150-180 sec
Tack Free Time (seconds)	at Gel
Demold Time	less than 1 hour
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
Component B:	55 gallon steel drum (open top)	450 lb	Net Weight

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