

CE 5050

Product Information

CE 5050 is a High Performance, multi-purpose polyurethane designed for processing through plural component, high pressure or low pressure dispensing equipment. Once fully cured, it is tough and flexible with high impact and tear resistance along with excellent chemical and water resistance.

CE 5050 performs well as auto fascia bumper, spoiler and flaring applications.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	950 - 1500	350 - 600
Specific Gravity (gr/ml)	1.10-1.12	1.02-1.05

Physical Properties (Final Product)

Hardness, Shore D, ASTM D-2240	55 - 65
Tensile Strength (psi), ASTM D-412	3200
Elongation (%), ASTM D-412	180
Tear Strength (pli), ASTM D-624, Die C	480
Color	Black

Handling Characteristics

Mix Ratio by Volume (Component A: Component B)	1.00:1.00
Gel Time (at 130-150°F), (seconds)	30 - 120
Tack Free Time (seconds)	at Gel
Demold Time (minutes)	10
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 75 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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