

ETECO, INC.

POLYURETHANE SPECIALIST

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EL12-72 WHT

Product Information

EL 12-72 WHT is a High Performance, two component polyurethane cast elastomer designed for processing through plural component, high pressure or low pressure dispensing equipment, or hand mix. Once fully cured, it is tough yet flexible with high impact and tear resistance along with excellent chemical and water resistance.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	80 - 120	160 - 200
Specific Gravity (gr/ml)	1.08 - 1.10	0.98 - 1.00

Physical Properties (Final Product)

Hardness, Shore D, ASTM D-2240	67 - 72
Color	Natural white

Handling Characteristics

Mix Ratio by Weight (Component A: Component B)	53A / 47B
Mix Ratio by Volume	50A / 50B
Gel Time at 75°F (seconds)	110 - 130
Tack Free Time (seconds)	at Gel
Demold Time (minutes)	10 - 15
90% Cure Time (hours)*	24

(*) Final physical properties will be reached in a course of 48 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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