

EL1070 WHT

Product Information

EL1070 WHT is a High Performance, multi-purpose polyurethane designed for processing through plural component, high pressure or low pressure dispensing equipment. Once fully cured, EL1070 WHT is tough with high impact resistance along with excellent chemical and water resistance. EL1070 WHT is outstanding for molding decorative parts, picture frames and furniture parts.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	70 - 100	80 - 100
Specific Gravity (gr/ml)	0.96 – 0.98	0.97 – 0.98

Physical Properties (Final Product)

Hardness, Shore D, ASTM D-2240	70 - 75
Tensile Strength (psi), ASTM D-412	>2000
Elongation (%), ASTM D-412	5.0
Flexural Strength ASTM D-790	>8,000
Color	White

Handling Characteristics

Mix Ratio by Volume (Component A: Component B)	50a / 50b
Mix Ratio by Weight	52a / 48b
Gel Time at 75°F (seconds)	170 - 200
Tack Free Time (seconds)	at Gel
Demold Time	10-20 minutes
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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