

ELR 11-66

Product Information

ELR 11-66 is a High Performance, crossed linked polymer enhanced with proprietary Nano Technology. ELR 11-66 is designed for custom Roto Casting where improved heat distortion is desired at elevated temperatures. ELR 11-66 can be hand mixed or processed through plural component, high pressure or low pressure dispensing equipment. ELR 11-66 exhibits excellent flow and wetting properties. Once fully cured, ELR 11-66 is tough with excellent impact resistance along with excellent chemical and water resistance.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	300 - 400	800 - 1050
Specific Gravity (gr/ml)	1.18 – 1.20	1.02 – 1.04

Physical Properties (Final Product)

Hardness, Shore D, ASTM D-2240	64 - 68
Tensile Strength (psi), ASTM D-412	>4000
Elongation (%), ASTM D-412	>10
Color	Natural, Tan or Pigmented

Handling Characteristics

Mix Ratio by Volume (Component A: Component B)	N/A
Mix Ratio by Weight	40a / 60b
Gel Time at 75°F (seconds)	180 - 270
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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