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NB 505-119 V2

Product Information

NB 505-119 V2 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. NB 505-119 V2 performs well for urethane rotational molding applications.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	500-700	500-700
Specific Gravity (gr/ml)	1.14-1.16	1.01-1.03

Physical Properties (Final Product)

Hardness, Shore A, ASTM D-2240	95 +/-5
Tensile Strength (psi), ASTM D-412	N/A
Elongation (%), ASTM D-412	N/A
Tear Strength (pli), ASTM D-624, Die C	N/A
Color	Natural

Handling Characteristics

Mix Ratio by Weight A/B	53/47
Mix Ratio by Volume A/B	50/50
Gel Time (at 75F), (Seconds)	180 +/-10
Tack Free Time (Minutes)	at Gel
Demold Time (Minutes)	20-40
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 SDS for more information.

Packaging

Component A:	55 gallons steel drum (closed top)	500 lb Net Weight
Component B:	55 gallons steel drum (open top)	450 lb Net Weight

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