

CG 84 MS

Product Information

CG 84 MS is a high-performance elastomer designed for processing through plural component, low-pressure dispensing equipment or mixing and casting by hand. This material is tough and has high impact resistance, very good tear strength and excellent compression set. CG 84 MS exhibits very good surface characteristics and excellent moldability.

Physical Properties (Components)

| | Component A | Component B | Reacted |
|--------------------------|-------------|-------------|---------|
| Viscosity at 75°F (cps) | 180-220 | 8000 - 8800 | N/A |
| Specific Gravity (gr/ml) | 1.15 | 1.33 | 1.31 |

Physical Properties (Final Product)

| | |
|----------------------------------------|-------|
| Hardness, Shore A, ASTM D-2240 | 80-82 |
| Tensile Strength (psi), ASTM D-412 | 1100 |
| Elongation (%), ASTM D-412 | 120 |
| Tear Strength (pli), ASTM D-624, Die C | N/A |
| Compression Set (%), ASTM D395 | 0 |

Handling Characteristics

| | |
|----------------------------|-----------|
| Mix Ratio by Weight (A/B) | 15/100 |
| Gel Time at 75°F (minutes) | 150 - 180 |
| Demold Time (minutes) | 30 |
| 90% Cure Time (hours) | 24 |

Storage and Shelf Life

Components A and B should be kept well sealed in a dry place at a temperature between 65 and 90°F. Shelf life of unopened containers is six (6) months from manufacturing date. 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 |
| | 275 gallons plastic bins | 2500 lb | Net Weight |
| Component B: | 55 gallons steel drum (open top) | 450 lb | Net Weight |
| | 275 gallons plastic bins | 2300 lb | Net Weight |

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