



GTP RM 150

Description GTP RM150 is a low viscosity, rapid setting, rigid urethane compound with high strength and durometer. This system will cure quickly to a hard, tough impact resistant casting. GTP RM150 is non -sensitive to moisture after curing. The 1:1, by volume, mix ratio makes for easy hand or machine mix. GTP RM150 is recommended in applications where a “thermoplastic feel” is desired.

| Typical Properties | Viscosity | Specific Gravity | Weight Per Gallon |
|---------------------------|---|------------------|----------------------------|
| Component A | 100 cps | 1.21 | 10.09 lb. |
| Component B | 250 cps | .97 | 8.09 lb. |
| Mixed | 200 cps | 1.09 | 9.09 lb. |
| Mixing Ratio | By volume | | 100 parts A to 100 parts B |
| | By weight | | 100 parts A to 80 parts B |
| Work life | | | 3-5 minutes @ 77° F |
| Demold time | | | 20-30 minutes @ 77° F |
| | Set time and Demold depend on temperature and relative humidity | | |

| Physical Properties | Test Method | Value |
|--|---|-------------|
| Hardness | ASTM 2240 | 75 Shore D |
| Tensile strength | ASTM-D 638 | 5600 |
| Elongation | ASTM-D 638 | 3.5 % |
| Specific gravity (cured) | ASTM D-792 | 1.062 |
| Linear shrinkage | ASTM D-2566 | .0029 in/in |
| Deflection temperature | ASTM D-758 | 135° F |
| Machinability | | Excellent |
| Cubic inch per lb. of product | | 26 |
| Compression | ASTM D-695 | 3,985 |
| Thermal coefficient of expansion (in/in/F) | ASTM D-696 | 13.2X10 |
| | Results obtained from a 7-day room temperature cure | |

Color Light Cream

Shelf Life GTP RM150 is shipped from the factory in sealed containers. The containers should be stored in a cool, dry area that is protected from direct sunlight and moisture. Storage temperatures should not exceed 80° F. The shelf life of factory sealed containers stored under these conditions is six months. Containers that have been opened should be resealed immediately after material has been removed in order to prevent solvent evaporation.

Packaging GTP RM150 is available in convenient 2-quart, 2-gallon, 10-gallon and 100-gallon kits. GTP RM150 has a non-hazardous rating for shipping.