

Taiwan PU Corporation PTMG CPU-167L Polyurethane Casting Elastomer

Category : Polymer , Thermoset , Polyurethane, TS , Rubber or Thermoset Elastomer (TSE)

Material Notes:

A urethane elastomer that can be cured by reacting with a polyamine or a polyolhardener. The molding process is composed of pre-heating, degassing, maxing with a hardener, pouring into the mold, curing, demolding and after curing. Information provided by Taiwan PU Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Taiwan-PU-Corporation-PTMG-CPU-167L-Polyurethane-Casting-Elastomer.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------------|----------------------|----------|
| Viscosity | 6000 - 12000 cP | 6000 - 12000 cP | |
| | @Temperature 40.0 Â°C | @Temperature 104 Â°F | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-------------------|-----------------|----------|
| Hardness, Shore A | 93 - 97 | 93 - 97 | |
| Tensile Strength at Break | 33.34 - 48.05 MPa | 4836 - 6969 psi | |
| Elongation at Break | 345 - 445 % | 345 - 445 % | |
| Tear Strength | 113 - 152 kN/m | 644 - 868 pli | |

| Processing Properties | Metric | English | Comments |
|------------------------|----------|---------|---------------------------------|
| Processing Temperature | 85.0 Â°C | 185 Â°F | Working Temperature, Prepolymer |
| Mold Temperature | 100 Â°C | 212 Â°F | |
| Pot Life | 6.0 min | 6.0 min | |

| Descriptive Properties | Value | Comments |
|------------------------|----------|----------|
| MOCA Temperature | 110Â°C | |
| NCO Content | Max 6.5% | |
| | Min 6.1% | |
| PHR of MOCA | 18.2% | |

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