

## Taiwan PU Corporation PTMG CPU-42L 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-42L-Polyurethane-Casting-Elastomer.php](http://www.lookpolymers.com/polymer_Taiwan-PU-Corporation-PTMG-CPU-42L-Polyurethane-Casting-Elastomer.php)

Physical Properties	Metric	English	Comments
Viscosity	45000 - 65000 cP	45000 - 65000 cP	
	@Temperature 40.0 Â°C	@Temperature 104 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	78 - 82	78 - 82	
Tensile Strength at Break	28.44 - 42.17 MPa	4125 - 6116 psi	
Elongation at Break	545 - 645 %	545 - 645 %	
Tear Strength	63.7 - 103 kN/m	364 - 588 pli	

Processing Properties	Metric	English	Comments
Processing Temperature	100 Â°C	212 Â°F	Working Temperature, Prepolymer
Mold Temperature	100 Â°C	212 Â°F	
Pot Life	12 min	12 min	

Descriptive Properties	Value	Comments
MOCA Temperature	110Â°C	
NCO Content	Max 3%	
	Min 2.6%	
PHR of MOCA	8.3%	

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