

## Taiwan PU Corporation PPG CPU-2172 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-PPG-CPU-2172-Polyurethane-Casting-Elastomer.php](http://www.lookpolymers.com/polymer_Taiwan-PU-Corporation-PPG-CPU-2172-Polyurethane-Casting-Elastomer.php)

Physical Properties	Metric	English	Comments
Viscosity	25000 - 40000 cP	25000 - 40000 cP	
	@Temperature 40.0 Â°C	@Temperature 104 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70 - 74	70 - 74	
Tensile Strength at Break	24.03 - 33.83 MPa	3485 - 4907 psi	
Elongation at Break	160 - 310 %	160 - 310 %	
Tear Strength	152 - 211 kN/m	868 - 1200 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	2.5 min	2.5 min	

Descriptive Properties	Value	Comments
MOCA Temperature	110Â°C	
NCO Content	Max 8.2%	
	Min 7.8%	
PHR of MOCA	23.1%	

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