

Taiwan PU Corporation PTMG CPU-100L 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-100L-Polyurethane-Casting-Elastomer.php

Physical Properties	Metric	English	Comments
Viscosity	10000 - 30000 cP	10000 - 30000 cP	
	@Temperature 40.0 Â°C	@Temperature 104 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88 - 92	88 - 92	
Tensile Strength at Break	28.44 - 43.15 MPa	4125 - 6258 psi	
Elongation at Break	395 - 495 %	395 - 495 %	
Tear Strength	73.5 - 113 kN/m	420 - 644 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	11 min	11 min	

Descriptive Properties	Value	Comments
MOCA Temperature	110Â°C	
NCO Content	Max 4.4%	
	Min 4%	
PHR of MOCA	12.5%	

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