

Taiwan PU Corporation PPG CPU-1060 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-1060-Polyurethane-Casting-Elastomer.php

Physical Properties	Metric	English	Comments
Viscosity	1500 - 4000 cP	1500 - 4000 cP	
	@Temperature 40.0 Â°C	@Temperature 104 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55 - 65	55 - 65	
Tensile Strength at Break	2.94 - 6.86 MPa	426 - 995 psi	
Elongation at Break	400 - 500 %	400 - 500 %	
Tear Strength	19.6 - 58.8 kN/m	112 - 336 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	30 min	30 min	

Descriptive Properties	Value	Comments
MOCA Temperature	110Â°C	
NCO Content	Max 2.4%	
	Min 2.2%	
PHR of MOCA	7%	

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