

## Northstar Polymers MPP-R02C Semi-rigid Polyurethane Foam Formulation

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Unreinforced

### Material Notes:

MPP-R02C is semi-rigid foam formulations for molded foam products. It is closed-cell light foam with some structural integrity. Unlike rigid polyurethane foams, the physical properties of a cured product have some flexibility so it resists cracking and chipping and cracking with an impact force. This foam may be used in production of small to medium light parts with some structural integrity. Information provided by Northstar Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Northstar-Polymers-MPP-R02C-Semi-rigid-Polyurethane-Foam-Formulation.php](http://www.lookpolymers.com/polymer_Northstar-Polymers-MPP-R02C-Semi-rigid-Polyurethane-Foam-Formulation.php)

Processing Properties	Metric	English	Comments
Processing Temperature	21.1 - 32.2 °C	70.0 - 90.0 °F	Prepolymer Temperature
	21.1 - 32.2 °C	70.0 - 90.0 °F	Curing Agent Temperature
Mold Temperature	37.8 - 43.3 °C	100 - 110 °F	
Cure Time	40.2 - 60.0 min	0.670 - 1.00 hour	De-mold Time
	@Temperature 43.3 °C	@Temperature 110 °F	
	1440 - 2880 min	24.0 - 48.0 hour	Complete Cure Cycle
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	0.500 - 0.670 min	0.500 - 0.670 min	

Descriptive Properties	Value	Comments
Curing Agent	PAC-004	
Mixing Time	10-15	by hand
Prepolymer	MPN-023	
Weight Ratio	1:0.212	Prepolymer to Curing Agent Ratio

## Contact Songhan Plastic Technology Co.,Ltd.

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