

## Northstar Polymers MPP-R07B Polyurethane Formulation

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

### Material Notes:

This foam polyurethane formulation is designed yield structural foam by either hand-mixing or machine casting method. The pot-life of this material is long enough to allow manual handling for cast-in-place application. It can also be used in molding short-run parts, and many other custom applications. The components are liquid at room temperature. The free-rise density of the foam is approximately 6.5 pounds-per-cubic-foot, the cell structure is closed-cell. Information provided by Northstar Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Northstar-Polymers-MPP-R07B-Polyurethane-Formulation.php](http://www.lookpolymers.com/polymer_Northstar-Polymers-MPP-R07B-Polyurethane-Formulation.php)

Physical Properties	Metric	English	Comments
Density	0.0993 - 0.104 g/cc	0.00359 - 0.00376 lb/in <sup>3</sup>	Free Rise Density
	0.112 g/cc	0.00405 lb/in <sup>3</sup>	Compressed Density

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	60.0 min @Temperature 25.0 °C	1.00 hour @Temperature 77.0 °F	Complete Cure Cycle
Pot Life	0.670 - 0.840 min	0.670 - 0.840 min	

Descriptive Properties	Value	Comments
Curing Agent	PPE-012	
Prepolymer	MNB-013	
Weight Ratio	1:0.859	Prepolymer to Curing Agent Ratio

## Contact Songhan Plastic Technology Co.,Ltd.

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