

## Northstar Polymers GK-22 Polyurethane Gel for Adhesion Pad Applications

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

### Material Notes:

GK-22 is a polyurethane gel formulation designed to make soft sticky polyurethane gel for pressure-sensitive-adhesive type products. This 2-part cast urethane system can be manually processed easily at room temperature. There is no volatile compound within the component materials and no need to dry solvent. This material cures without relying on moisture or oxygen in atmosphere to cure, so this product can be made into any thickness. Comparing to other similar formulation GK-7, GK-22 provides stronger adhesion property. GK-22 may be more appropriate where heavier object needs to be held by the gel adhesive pad, or a sufficient adhesion is required within a limited amount of gel adhesive piece. Information provided by Northstar Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Northstar-Polymers-GK-22-Polyurethane-Gel-for-Adhesion-Pad-Applications.php](http://www.lookpolymers.com/polymer_Northstar-Polymers-GK-22-Polyurethane-Gel-for-Adhesion-Pad-Applications.php)

Processing Properties	Metric	English	Comments
Processing Temperature	22.2 - 30.0 °C	72.0 - 86.0 °F	Prepolymer Temperature
	22.2 - 30.0 °C	72.0 - 86.0 °F	Curing Agent Temperature
Mold Temperature	22.2 - 30.0 °C	72.0 - 86.0 °F	
Cure Time	120 min	2.00 hour	De-mold Time
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	2880 - 4320 min	48.0 - 72.0 hour	Complete Cure Cycle
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	12.0 - 13.0 min	12.0 - 13.0 min	

Descriptive Properties	Value	Comments
Curing Agent	PNA-216	
Prepolymer	MPC-056	
Weight Ratio	1:4.66	Prepolymer to Curing Agent Ratio

## Contact Songhan Plastic Technology Co.,Ltd.

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