

Northstar Polymers VEF-41 Viscoelastic Foam Formulation

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

Material Notes:

Viscoelastic foam has a very unique recovery property and very low compression deflection property. When the foam is compressed by a hand it can leave imprint of the hand, and then it slowly recovers to the original shape. Viscoelastic foam has been used in a variety of applications such as toys, pillows, mattresses, and many other unique applications. The components can be processed at room temperature, and the pot life is 30 to 40 seconds. For short runs of smaller parts, it is possible to hand mix and pour to make foam block. Comparing to more common polyester base foam, this formula remain softer at a lower temperature range. Information provided by Northstar Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Northstar-Polymers-VEF-41-Viscoelastic-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	30.0 - 40.2 min	0.500 - 0.670 hour	De-mold Time
	@Temperature 43.3 °C	@Temperature 110 °F	
Pot Life	1440 min	24.0 hour	Complete Cure Cycle
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Descriptive Properties	Value	Comments
Curing Agent	PPF-028	
Mixing Time	10-20	
Prepolymer	MSA-018	
Weight Ratio	1:4.016	Prepolymer to Curing Agent Ratio

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China