

Innothane® FM-2050

Polyurethane Thermoset Elastomer

Innovative Polymers, Inc.

Message:

FM-2050 is a rigid polyurethane foam formulated for hand-batch and meter-mix processing. Excellent physical properties can be obtained with a room temperature cure without the utilization of mercury, MOCA, or TDI. This material was built to support models and taxidermy scenery where a white color is required.

General Information		
Features	High Rigidity	
Uses	Foam	
RoHS Compliance	RoHS Compliant	
Appearance	White	
Physical	Nominal Value	Unit
Specific Gravity		
Cured	0.0640 to 0.0800	g/cm ³
Hardener	1.16	g/cm ³
Base Resin	1.20	g/cm ³
Thermoset	Nominal Value	Unit
Thermoset Components		
	Mix Ratio by Volume: 83	
Hardener	Mix Ratio by Weight: 80	
	Mix Ratio by Weight: 100	
Resin	Mix Ratio by Volume: 100	
Demold Time	20 to 30	min
Cream Time	40.0 to 60.0	sec
Rise Time	2.0 to 2.5	min
Tack Free Time	3.0 to 4.0	min
Uncured Properties	Nominal Value	Unit
Viscosity		
25°C ¹	0.10	Pa · s
25°C ²	0.30	Pa · s
25°C ³	1.3	Pa · s
Curing Time (25°C)	1.7E+2	hr
NOTE		
1.	Resin	

2.	Mixed
3.	Hardener

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Recommended distributors for this material


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