

# Innothane® FM-2046

Polyurethane Thermoset Elastomer

Innovative Polymers, Inc.

Message:

FM-2046 is a rigid 5-6 pound 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.

General Information		
Features	High Rigidity	
Uses	Foam	
RoHS Compliance	RoHS Compliant	
Appearance	Tan	
Physical	Nominal Value	Unit
Specific Gravity		
Cured	0.0800 to 0.0960	g/cm <sup>3</sup>
Hardener	1.16	g/cm <sup>3</sup>
Base Resin	1.20	g/cm <sup>3</sup>
Thermoset	Nominal Value	Unit
Thermoset Components		
	Mix Ratio by Volume: 100	
Hardener	Mix Ratio by Weight: 97	
	Mix Ratio by Weight: 100	
Resin	Mix Ratio by Volume: 100	
Demold Time	15 to 25	min
Cream Time	1.2 to 1.3	min
Rise Time	3.5 to 4.5	min
Tack Free Time	1.0	hr
Uncured Properties	Nominal Value	Unit
Viscosity		
25°C <sup>1</sup>	0.10	Pa · s
25°C <sup>2</sup>	0.25	Pa · s
25°C <sup>3</sup>	0.68	Pa · s
Curing Time (25°C)	1.7E+2	hr
NOTE		
1.	Resin	
2.	Mixed	

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#### Recommended distributors for this material

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