

# Innothane® FM-104

Polyurethane Thermoset Elastomer

Innovative Polymers, Inc.

Message:

FM-104 is a flexible polyurethane foam formulated for meter-mix dispensing methods or drill mixing. Excellent physical properties can be obtained with a room temperature cure without the utilization of mercury, MOCA, or TDI.

General Information		
Features	Good Flexibility	
	Soft	
Uses	Foam	
RoHS Compliance	RoHS Compliant	
Appearance	White	
Physical	Nominal Value	Unit
Specific Gravity		
Cured	0.0480 to 0.0800	g/cm <sup>3</sup>
Hardener	1.04	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: 100	
	Mix Ratio by Weight: 50	
Resin	Mix Ratio by Volume: 43	
Demold Time	20 to 40	min
Cream Time	14.5 to 19.5	sec
Rise Time	1.7 to 2.3	min
Uncured Properties	Nominal Value	Unit
Viscosity		
25°C <sup>1</sup>	0.075	Pa · s
25°C <sup>2</sup>	0.85	Pa · s
25°C <sup>3</sup>	1.7	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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