

# Innothane® FM-2025

Polyurethane Thermoset Elastomer

Innovative Polymers, Inc.

Message:

FM-2025 is a rigid polyurethane foam system formulated for hand batch or meter-mix processing. Excellent physical properties can be obtained with a room temperature cure without the utilization of mercury, MOCA, or TDI. This material is ideal for use in packaging.

General Information		
Features	High Rigidity	
Uses	Foam	
	Packaging	
RoHS Compliance	RoHS Compliant	
Appearance	Tan	
Physical	Nominal Value	Unit
Specific Gravity		
Cured	0.0320 to 0.0480	g/cm <sup>3</sup>
Hardener	1.10	g/cm <sup>3</sup>
Base Resin	1.22	g/cm <sup>3</sup>
Thermoset	Nominal Value	Unit
Thermoset Components		
	Mix Ratio by Volume: 100	
Hardener	Mix Ratio by Weight: 90	
	Mix Ratio by Weight: 100	
Resin	Mix Ratio by Volume: 100	
Demold Time	20 to 40	min
Cream Time	35.0 to 45.0	sec
Rise Time	1.8 to 2.3	min
Tack Free Time	2.5 to 3.5	min
Uncured Properties	Nominal Value	Unit
Viscosity		
25°C <sup>1</sup>	0.050	Pa · s
25°C <sup>2</sup>	0.25	Pa · s
25°C <sup>3</sup>	0.75	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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