

# Innothane® FM-110

Polyurethane Thermoset Elastomer

Innovative Polymers, Inc.

Message:

FM-110 is a open-cell polyurethane foam formulated for hand-batch and meter-mix dispensing. Excellent physical properties can be obtained with a room temperature cure without the utilization of mercury, MOCA, or TDI. FM-110 is particularly suited for low volume production of arm rests and seat cushions.

General Information		
Features	Soft	
Uses	Foam	
	Seats	
RoHS Compliance	RoHS Compliant	
Appearance	Off-White	
Physical	Nominal Value	Unit
Specific Gravity		
Cured	0.144 to 0.192	g/cm <sup>3</sup>
Base Resin	1.08	g/cm <sup>3</sup>
Hardener	1.08	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: 100	
Resin	Mix Ratio by Volume: 100	
Demold Time	15 to 25	min
Cream Time	0.8 to 1.2	min
Rise Time	3.0	min
Tack Free Time	3.8 to 4.3	min
Uncured Properties	Nominal Value	Unit
Viscosity		
25°C <sup>1</sup>	0.90	Pa · s
25°C <sup>2</sup>	1.0	Pa · s
25°C <sup>3</sup>	1.1	Pa · s
Curing Time (25°C)	1.7E+2	hr

## NOTE

- |    |          |
|----|----------|
| 1. | Hardener |
| 2. | Mixed    |
| 3. | Resin    |

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## Recommended distributors for this material

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