

Innothane®

Product Name

InnoFR™ FX-8091

Flame Extinguish 90A

Description

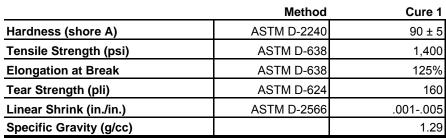
FX-8091 is a flexible polyurethane formulated for room temperature hand-batch systems. Excellent physical properties can be obtained without the utilization of mercury, MOCA, or TDI. FX-8091 meets the criteria to pass UL 94VO.

Physical Properties

Mix Ratio	Resin:Hardener (parts by weight) Resin:Hardener (parts by volume)		55:100		
Mix Ratio			51:100		
Viscosity	Resin	320	Gel Time	12.5 ± 2.5 Minutes	
(cps@77°F)	Hardener	1180	Demold Time*	3 ± 1 Hours	
	Mixed	1150	Color	White	
Specific Gravity	Resin	1.30	* Demold time is alv	* Demold time is always mass dependant	
(g/cc)	Hardener	1.20			

Cured Properties

Cure 1▶7 days at 77°F



Processing Notes

For best results, de-air the material prior to casting, them pressurize to 60 psi until cured. The resin contains a filler which will settle from solution. It is important that it must be shaken **before** each use. To reduce demold times, cast into preheated molds and place the filled tool in an oven set to 150°F. Remove the mold from heat and allow to cool for fifteen minutes prior to demold. Post curing of this material will not advance cured properties any further than the 7 day numbers indicated.

Agitate the hardener and resin before use to ensure that the formula is homogeneous.

Kit Weights	Quart Kit	1 Gal. Kit	5 Gal. Kit	Drum Kit
	3.1 lbs.	12.4 lbs.	62 lbs.	697.5 lbs.

Safety and Handling

DO NOT USE UNTIL MSDSs HAVE BEEN READ AND UNDERSTOOD. Store containers in a dry location. Partially used containers should be blanketed with dry nitrogen to prevent moisture contamination. Moisture will react with the resin component, creating carbon dioxide gas and a possible pressure increase in the container.

SPECIFICATION WRITERS: The above values are meant to represent typical properties only. Users are encouraged to qualify products in their own laboratories prior to specification publication.

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