



NCFI Polyurethanes
P. O. Box 1528
Mount Airy, NC 27030

TECHNICAL DATA SHEET

800-346-8229

www.ncfi.com

20-038 Rigid Foam Molding System

Technical Data Sheet

NCFI 20-038 is a two-component, HFO-1336mzz blown, all PMDI based rigid pour foam ideal for taxidermy applications.

Typical Properties of Components

Description	Poly	Iso
Component	B-20-038	A2-002
Appearance	Transparent amber liquid	Transparent brown liquid
Brookfield Viscosity @ 50 rpm	327 cps at 72°F	200 cps at 72°F
Specific Gravity	1.11	1.24
Storage Temperature	40°F – 85°F	40°F – 90°F
Shelf Life	6 months	24 months

Mix Ratio, 114 Index

By weight.....100 parts poly : 111.7 parts iso
By volume.....100 parts poly : 100 parts iso

Typical Properties of Mixed System at 72°F, 114 Index

Cream Time (sec)	25
Gel Time (sec)	117
Tack Free Time (sec)	168
Rise Time (sec)	208
Free Rise Core Density (pcf)	3.00

Process Parameters

Iso Temperature	75°F to 85°F
Poly Temperature	70°F to 95°F
Mold Temperature	95°F to 125°F

The Information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained there from. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variation in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the application disclosed. Full-scale testing and end product performance are the sole responsibility of the user. NCFI Polyurethanes shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond NCFI's direct control. NCFI MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein is to be considered as permission, recommendations, nor as an inducement to practice any patented invention without permission of the patent owner.

Storage and Handling

For both components, avoid moisture contamination during storage, handling and processing. Pad containers and day tanks with either nitrogen or dry air (desiccant cartridge or -40°F dew point dry air). Follow recommended storage temperature requirements as indicated above. **Failure to follow temperature requirements can result in irreparable damage to the iso component.**