

20-2028

FOAM IN PLACE RIGID POLYURETHANE FOAM

DESCRIPTION:

20-2028 is a light weight, two component, closed cell, liquid urethane foaming resin system. It produces a foam which will provide moisture resistance, high impact strength, better flow and fast mold cycle rates. The density is 11 pounds per cubic foot.

20-2028 is a water blown rigid foam that does not contain any hydrochlorofluorocarbon (HCFC). It is also safer to use since it does not utilize MOCA or TDI.

20-2028 has been formulated for ease in handling with a convenient 1:1 mix ratio. Castings can be poured by hand or machine dispensed.

TYPICAL SPECIFICATIONS:

Viscosity, 25°C, cps	
Mixed	250
Part A Resin	1,400
Part B Catalyst	200
Mix Ratio, (Resin:Catalyst)	
By Weight	1:1
Color	Tan
Hardness, Shore D	38
Operating Temperature Range, °C	-50 to +150
Cream Time, Seconds	60
Demolding Time, Minutes	10
Specific Gravity, 25°C	
Mixed	1.23
Density, lbs./ft ³	11.00
Tensile Strength, psi	60
Water Absorption, lbs./ft ³ Surface	0.07
Thermal Conductivity, W/m-K	0.04
Dielectric Constant, 1MHz	1.25
Dissipation Factor, 1MHz	0.005

**INSTRUCTIONS FOR USE:**

1. By weight, mix equal parts 20-2028R polyol resin to 20-2028C isocyanate.
2. Mechanical mixing is preferred to hand mixing.
** NOTE: 60 second cream time
3. Pour and allow to foam.
4. Allow to cure at room temperature. Can be demolded 10-15 minutes after foaming.

STORAGE, HANDLING & SAFETY:

Avoid moisture contamination during storage, handling and processing. Store the polyol and isocyanate between 65°-85°F.

Read the Safety Data Sheet before using this product or any other chemical.

All polyurethane foam burns in varying degrees, which in turn liberates toxic gases; the foam should be evaluated in its final form for compliance with existing standards in your industry.

PACKAGING:

20-2028 is available in quart and gallon containers.

IMPORTANT:

EPOXIES, ETC. MAKES NO EXPRESS OR IMPLIED WARRANTIES OR MERCHANTABILITY, FITNESS OR OTHERWISE WITH RESPECT TO ITS PRODUCTS. The information in this brochure is based on data obtained by our own research and is considered reliable. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. The properties given are typical values and are not intended for use in preparing specifications. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose.

06/2025