

Por-A-Kast

POR-A-FOAM

Applications

Por-A-Foam is utilized as a backup mold material or as a void-filler where a rigid, mid-density foam is required.

Characteristics

Por-A-Foam is mixed one-to-one by volume and cures rises approximately 15 times its original volume. It offers strong adhesive binding to mold substrates as well as lower cost and weight reduction.

Properties

Curative (Part A) and Prepolymer (Part B)

The following table shows the properties of the Por-A-Foam curative and prepolymer.

Property	Curative	Prepolymer
Color	Amber	Dark Brown
Mix Ratio by Volume	1	1
Mix Ratio by Weight	1	1.11
Shelf Life	12 months	12 months
Specific Gravity @ 75° F (24° C), CPS	1.1	1.2
Viscosity @ 75° F (24° C), CPS	540	200

Mixed Curative (Part A) and Prepolymer (Part B)

The following table shows the properties of the Por-A-Foam curative and prepolymer after they have been mixed.

Property	Cured Product
Cream Time	17 seconds
Gel Time	2 minutes
Rise Time	3 minutes
Tack-free Time	4 minutes
Demold Time	15-20 Minutes

Cured Por-A-Foam

The following is a list of the physical properties of cured Por-A-Foam.

Property	Cured Product
Color	Straw Yellow
Density, lb. per foot³	4.2 pcf

Storage and Handling

Refer to the MSDS (Material Safety Data Sheet) for information on storage and handling.

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