Foam-It® 10

Polyurethane

Smooth-On, Inc

Message:

Smooth-On's FOAM-iT!® Series consists of two-component rigid foams that are versatile and easy to use. FOAM-iT!® products are available in 3lb., 5 lb., 8 lb., 10 lb., 15 lb. or 26 lb. per cubic foot densities. Parts A and B are measured and mixed in equal amounts by volume (Note: FOAM-iT!® 8 is measured and mixed 2A:1B by weight). The mixture is then poured into a mold or other form (apply release agent if necessary). The mixture will expand many times original volume (depending on which FOAM-iT!® product you are using) and develop a uniform cell structure. FOAM-IT!® 3, 5, 10, 15, and 26 are tack-free in about 4 - 6.5 minutes, developing handling strength in 20 minutes and full cure in 2 hours.
FOAM-iT!® 10 SLOW is a 10 lb. density foam with a longer, 3.5 minute working time, taking 1 hour to reach handling strength and 4 hours to cure. FOAM-iT!® 10 SLOW is designed for large-pour applications and can be used for a variety of industrial, art-related and special effects applications.
FOAM-iT!® 8 is a unique, self-skinning foam with a finer, more uniform cell structure than the other FOAM-iT!® products.
FOAM-iT!® 26 is a high density rigid foam that is very hard and very strong.
FOAM-iT!® 8, 15, or 26 can be cast in blocks as a machineable prototype modeling board.
All FOAM-iT!® products can be used as a straight casting material, backfill material for hollow castings (adds structural strength) or as an encapsulation material, etc. They can be color pigmented with SO-Strong® color tints and are used for a variety of art/craft, industrial design and special effects applications.

General Information	
Features	Foamable High Rigidity
Uses	Foam Industrial Applications
Appearance	Beige
Processing Method	Casting Encapsulating

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.150 to 0.170	g/cm³	ASTM D1475
Specific Volume	5.42 to 6.32	cm³/g	
Tack Free Time	5.0	min	
Cure Time	2.0	hr	
Handling Strength	20.0	min	
Volumetric Expansion	6 times		

Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Weight: 100, Mix Ratio by Volume: 1.0		
Part B	Mix Ratio by Weight: 87, Mix Ratio by Volume: 1.0		
Pot Life	1.5	min	ASTM D2471
Thermoset Mix Viscosity	400	cP	ASTM D2393

infringement occurs, please contact us immediately.

Recommended distributors for this material

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