

Foam-It® 3

Polyurethane

Smooth-On, Inc

Описание материалов:

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.

Главная Информация	
Характеристики	Foamable Высокая жесткость
Используется	Пена Промышленное применение
Внешний вид	Бежевый
Метод обработки	Литье Инкапсулирование

Физический	Номинальное значение	Единица измерения	Метод испытания
Удельный вес	0.0399 to 0.0599	g/cm³	ASTM D1475
Удельный объем	19.1 to 22.8	cm³/g	
Tack Free Time	6.5	min	
Cure Time	2.0	hr	
Прочность на обработку	20.0	min	
Volumetric Expansion	18 times		

Термокомплект	Номинальное значение	Единица измерения	Метод испытания
Компоненты термокомплекта			
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		
Срок службы горшка	1.0	min	ASTM D2471
Терморегулирующая вязкость	200	cP	ASTM D2393

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