

Foam-It® 8

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	Кремowo-белый
Метод обработки	Литье Инкапсулирование

Физический	Номинальное значение	Единица измерения	Метод испытания
Удельный вес	0.120 to 0.140	g/cm ³	ASTM D1475
Удельный объем	7.23 to 8.31	cm ³ /g	
Tack Free Time	5.0	min	
Cure Time	2.0	hr	
Прочность на обработку	20.0	min	
Volumetric Expansion	8 times		

Термокомплект	Номинальное значение	Единица измерения	Метод испытания
Компоненты термокомплекта			
Part A	Mix Ratio by Weight: 2.0		
Part B	Mix Ratio by Weight: 1.0		
Срок службы горшка	1.5	min	ASTM D2471
Терморегулирующая вязкость	300	cP	ASTM D2393

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