

## Bayfill® EA 2003 (5 pcf)

Polyurethane (Polyether, MDI)

Covestro - PUR

### Описание материалов:

Bayfill EA 2003 is a low-density, semirigid polyurethane foam system designed for automotive interior applications. It produces a friable foam which has the ability to absorb more energy in applications where space is limited. The Bayfill EA system is an excellent choice where occupant impact protection above the vehicle beltline is required or desired. Foams made with Bayfill EA 2003 can be incorporated into vehicle headliners and pillar covers for improved occupant protection in collisions. Because such foam is friable, it should be considered a sacrificial energy absorber and should be replaced after damage by an impact. The Bayfill EA 2003 system is supplied as two components. Component A is a polymeric diphenylmethane diisocyanate (PMDI) and Component B, is a polyether polyol system. As with any product, use of Bayfill EA 2003 system in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability.

Главная Информация			
Характеристики	Низкая плотность		
Используется	Пена Применение в автомобильной области Автомобильные внутренние детали		
Физический	Номинальное значение	Единица измерения	
Литая плотность	80.1	kg/m <sup>3</sup>	
Механические	Номинальное значение	Единица измерения	Метод испытания
Прочность на сжатие			ASTM D1621
10% strain	0.617	MPa	ASTM D1621
50% strain	0.685	MPa	ASTM D1621
70% strain	0.976	MPa	ASTM D1621
Термокомплект	Номинальное значение		
Компоненты термокомплекта			
Component a	Mixing ratio by weight: 250		
Component B	Mixing ratio by weight: 100		
Дополнительная информация			

## Part A

Type: Isocyanate

Appearance: Dark brown liquid

Specific Gravity @ 25°C: 1.24

Viscosity @25°C: 200 mPa-s

Flash Point PMCC: 199°C

## Part B

Type: Polyol

Appearance: Yellow to amber viscous liquid

Specific Gravity @ 25°C: 1.03

Viscosity @25°C: 1600 mPa-s

Flash Point PMCC: 175°C

Material Temperature - Isocyanate (Component A): 24 to 27°C Material Temperature - Polyol (Component B): 27 to 29°C Mold Temperature: 54 to

60°C Demold Time: >3 min Machine Reactivity at 29 to 32°C

Cream Time: 4 to 6 sec

Top of Cup Time: 11 to 13 sec

Gel Time: 18 to 22 sec

Rise Time: 42 to 47 sec

Free-Rise Density: 2.9 to 2.9 lb/ft<sup>3</sup>

\* Отказ от ответственности: Информация на этой странице предоставлена производителем, и поставщик документа не несет никакой юридической ответственности. Все права защищены. Пожалуйста, немедленно свяжитесь с нами в случае каких-либо нарушений.

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