

## Bayfill® EA 2003 (6 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	96.1	kg/m <sup>3</sup>	
Механические	Номинальное значение	Единица измерения	Метод испытания
Прочность на сжатие			ASTM D1621
10% strain	0.851	MPa	ASTM D1621
50% strain	0.914	MPa	ASTM D1621
70% strain	1.25	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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