



BAYTEC CC 9803

PU Systems

Product Description	Composition: non-activated, filler-free polyol blend with moisture absorbent.		
	Appearance: beige to pale yellow liquid.		
Application Sector and Properties	Component A (polyol) for the manufacturing of PUR casting resins by cold casting. In combination with Desmodur 9804 polyurethanes with a hardness in the range of approx. 70 Shore D are obtained. Technical products are the main applications for Baytec CC 9803.		
Specification	Density, 20 °C:	approx.	1.05 g/cm ³
	Viscosity, 20 °C:	approx.	240 mPas
Processing Formula	100 parts by weight	Baytec CC 9803	
	100 parts by weight	Desmodur 9804	
Processing Information	<p>Baytec CC 9803 is used in combination with the B-component Desmodur 9804. The pot life is adjusted to approx. 10 min (hand mixing, 20 °C).</p> <p>Since storage over a longer period leads to the deposition of solids, the contents of the container have to be stirred thoroughly before use.</p> <p>Baytec CC 9803 is hygroscopic. Therefore, opened containers should be sealed airtight immediately after use and the product should be consumed as soon as possible.</p>		
System Properties	Hardness, 20 °C Shore D	(DIN 53505):	approx. 70
	Hardness, 50 °C 63 Shore D	(DIN 53505):	approx.
	Hardness, 80 °C 43 Shore D	(DIN 53505):	approx.
	Impact strength approx.	(DIN EN ISO 179):	28 kJ/m ²
	Tensile strength 32 MPa	(DIN 53504):	approx.
	Flexural modulus 1000 N/mm ²	(DIN 53423):	approx.
	Flexural strength	(DIN 53423):	approx.

Please note: The information provided above is given based on our current knowledge and experience to date. Due to the wide variety of potential influencing factors in processing and applications of our products, this information does not in any way release processors from the need to conduct their own evaluation and testing relating to their specific applications. This information shall not be construed as legally binding assurance of certain properties or suitability for a specific application. It is the sole responsibility of purchasers or processors of our products to be cognizant of and observe any and all applicable licenses, patent, trademark and/or proprietary rights, laws and regulations. The most recently issued versions of any applicable EU Safety Data Sheets must also be observed.



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45 N/mm²
Heat deflection
temperature (DIN EN ISO 75-1/75):
approx. 45 °C
Elongation at tear (DIN 53504): approx.
11 %
Shrinkage:* approx. 0.40 %

* Test specimen: dimensions of 300x20x20 mm, measured after curing at 20 °C.

Data taken from single measurements.

Storage

At storage temperatures of preferably 15 to 25 °C (avoid freezing!) the shelf life of originally sealed containers is about six months.

Issue: 07.09.2010

Version: 3

BaySystems GmbH & Co. KG
Mittelkamp 112
D-26125 Oldenburg
Telefon 0049 441 93 17 257
Telefax 0049 441 93 17 500
www.bayer-baysystems.com