

## DYNACOLL® AC 1420

43.13.771e / 06.11

### Chemical composition

Bead polymer based on methyl methacrylate and n-butyl methacrylate.

### Application

Formulation of reactive hot melt adhesives.

### Typical Data

Property	Value	Unit	Method
Glass transition temperature (Tg)	44	°C	ISO 11357-1
Viscosity number	16	cm <sup>3</sup> /g	ISO 1628-1
Molecular weight (Mw)	30,000	g/mol	DIN 55672-1
Acid number	6	mgKOH/g	DIN EN ISO 2114
Softening point (Ring & Ball)	120	°C	DIN ISO 4625
Melt flow rate at 190°C (MFR)	1000	g/10 min	DIN ISO 1133 (21.6N)

**Packaging**

Bags, 25 kg net

**Storage Stability**

Keep for 5 years if stored in a cool, dry place.

**Safety and Handling**

Please refer to our Safety Data Sheet.

**Evonik Operations GmbH**

Paul-Baumann-Str. 1  
45764 Marl  
Germany  
PHONE +49 2365 49-02  
FAX +49 2365 49-5030

**Evonik Corporation**

Resource Efficiency  
299 Jefferson Road  
Parsippany, NJ 07054-0677, USA  
PHONE +1 973 929-8000  
FAX +1 973 929-8460

**Evonik Degussa (China) Co. Ltd.**

Resource Efficiency  
55 Chundong Rd., Xinzhuang Ind. Park  
Shanghai 201108, P.R. China  
PHONE +86 21 61191-027  
FAX +86 21 61191-254

Email [adhesives@evonik.com](mailto:adhesives@evonik.com)  
[www.evonik.com/adhesives-sealants](http://www.evonik.com/adhesives-sealants)  
[www.evonik.com/designed-polymers](http://www.evonik.com/designed-polymers)

Marl, June 3, 2011

DYNACOLL® is a registered trademark of Evonik Industries AG or one of its subsidiaries

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.