

6265 DEAN PARKWAY ONTARIO NY 14519 WWW.SCIPOLY.COM

## **Technical Data Sheet**

**MATERIAL:** Poly(benzyl methacrylate)

CATALOG NUMBER: 226

**CAS NUMBER:** 25085-83-0

**DESCRIPTION:** Homopolymer of benzyl methacrylate

**FORMULA:**  $(C_{11}H_{12}O_2)_x$ 

**TYPICAL PROPERTIES:** 

Appearance: Powder

Approx Mw: 100,000 [GPC] Refractive index:  $n_D^{20}$  1.5680

Density: 1.179
Glass transition temp: 54°C
Solubility parameter: 9.9

Solubility: Benzene, chloroform, dioxane, THF,

toluene

**GENERAL INFORMATION:** Atactic homopolymer of benzyl methacrylate prepared by free radical

polymerization.

**STRUCTURE:** 

Technical information and data regarding the composition, properties or use of the products described herein is believed reliable. However, no representation or warranty is made with respect thereto except as made by  $Sp^2$  in writing at time of sale.  $Sp^2$  cannot assume responsibility for any patent liability which may arise from the use of any product in a process, manner or formula not designed by  $Sp^2$ .