



Technical Data Sheet

MATERIAL:	Poly(n-butyl methacrylate)
CATALOG NUMBER:	111
CAS NUMBER:	9003-63-8
DESCRIPTION:	Homopolymer of n-butyl methacrylate
FORMULA:	$(C_8H_{14}O_2)_x$

TYPICAL PROPERTIES:

Appearance:	Beads
Approx Mw:	180,000 [GPC]
Inherent viscosity:	0.52
Density:	1.07 (25°C)
Refractive index:	n_D^{20} 1.483
Glass transition temp:	15°C
Flash point:	572°F
Solubility parameter:	8.75
Solubility:	Acetone, benzene, chloroform, isopropanol, MEK, THF, toluene

GENERAL INFORMATION:

Useful in adhesives for smooth plastic films and aluminum, and in silk screen inks. Will plasticize and improve adhesion of polyisobutyl methacrylate and nitrocellulose. Improves outdoor durability of vinyl chloride resins.

STRUCTURE: