



Technical Data Sheet

MATERIAL:	Polyacrylamide
CATALOG NUMBER:	948
CAS NUMBER:	9003-05-8
DESCRIPTION:	Homopolymer of acrylamide, non-ionic
FORMULA:	$(C_3H_5NO)_x$

TYPICAL PROPERTIES:

Appearance:	Powder
Approx Mw:	1,500
Density:	1.302 (23°C)
Brookfield viscosity:	2.5 cp (15% solution)
Glass transition temp:	165°C
Softening point:	210°C
Solubility:	Ethylene glycol, glycerol, lactic acid, water

GENERAL INFORMATION: Polyacrylamide offers a wide range of properties which makes it useful in a number of industrial applications. These properties include: thickening, binding, solubilizing, dispersing, flocculating, suspending, crosslinking, drag reduction, polymer recovery and many others.

STRUCTURE: