



Technical Data Sheet

MATERIAL:	Polyacrylamide, carboxyl modified
CATALOG NUMBER:	376
CAS NUMBER:	62649-23-4
DESCRIPTION:	Low carboxyl content carboxylated polyacrylamide
FORMULA:	$(C_3H_5NO)_m(C_3H_4O_2)_n(C_3H_4O_2 \cdot Na)_o$

TYPICAL PROPERTIES:

Appearance:	Fine powder
Approx Mw:	200,000
Brookfield viscosity:	300-800 cp (10% solution @ 25°C)
pH:	5.5 (1% solution)
Solubility:	Ethylene glycol, formamide, glycerol, water

GENERAL INFORMATION:	Prepared by the partial hydrolysis of polyacrylamide with sodium hydroxide. Approximately 10% carboxylated. Application areas include adhesives, cosmetics, detergents, latex manufacture, printing inks and textiles.
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STRUCTURE: