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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.

STRUCTURE:

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