



Future Chem Asia Co., Ltd.

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TECHNICAL DATA SHEET

PRODUCT NAME:	Cationic Polyacrylamide
ITEM NO.:	PC 1040
CAS NO.:	9003-05-8
PACKING:	25, 750, 800KG moisture-resistant bags

CHARACTERISTIC

STANDARD

Appearance	Off white , granular powder
Degree of charge, (Mol %)	30--40
Relative Molecular Weight	high
Bulk Density, kg/m ³	750±50
PH of 0.5% solution @ 25°C	4
Viscosity , cps	
0.10%	180
0.50%	600
Insoluble, % v/v	0.5Max
Residual Acrylamide, %	0.05Max

HEALTH AND SAFETY

These products can irritate the eyes and skin. Rubber gloves, goggles and protective clothing are recommended for use while handling. They are not acutely toxic by oral and dermal administration to laboratory animals though eye irritation did result. See the Material Safety Data Sheet for complete safety, health and environmental data.

HANDLING AND STORAGE

Solutions are no more corrosive than water and recommended materials of construction include stainless steel, fiber glass, plastic, and glass or epoxy-lined vessels. Do not use iron, copper or aluminum. Spilled polymer is very slippery and should be collected prior to flushing with water. The shelf life of these products is 24 months when stored in unopened package in a dry atmosphere at temperature no higher than 40°C.