



Technical Data Sheet

MATERIAL:	Ethylene/acrylic acid copolymer
CATALOG NUMBER:	561
CAS NUMBER:	9010-77-9
DESCRIPTION:	Random copolymer of ethylene and acrylic acid
FORMULA:	$(C_2H_4)_m(C_3H_4O_2)_n$

TYPICAL PROPERTIES:

Appearance:	Powder
Acrylic acid content:	5%
Brookfield viscosity:	500 cp (140°C)
Density:	0.93
Softening point (R&B):	108°C
Flash point:	> 527°F
Acid number:	40 mg KOH/g
Solubility:	Xylene (hot)

GENERAL INFORMATION: Incorporation of acrylic acid into polyethylene improves adhesion to foil, paper and metallized film. Ethylene/acrylic acid copolymers have been used as liners and pouches in the packaging industry.

STRUCTURE: