



Technical Data Sheet

MATERIAL:	Ethylene/acrylic acid copolymer
CATALOG NUMBER:	534
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:	Beads
Acrylic acid content:	15%
Brookfield viscosity:	650 cp (140°C)
Density:	0.93
Softening point (R&B):	92°C
Acid number:	120 mg KOH/g
Flash point:	> 572°F
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: