



Technical Data Sheet

MATERIAL:	Ethylene/acrylic acid copolymer
CATALOG NUMBER:	940
CAS NUMBER:	9010-77-9
DESCRIPTION:	Random copolymer of ethylene and acrylic acid
FORMULA:	$(C_3H_4O_2.C_2H_4)_x$

TYPICAL PROPERTIES:

Appearance:	Beads
Acrylic acid content:	9%
Density:	0.93
Melt flow index:	10.5 g/10min
Melting point:	97°C
Vicat softening point:	79°C
Freezing point:	78°C
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: