



## Technical Data Sheet

<b>MATERIAL:</b>	Ethylene/acrylic acid copolymer
<b>CATALOG NUMBER:</b>	559
<b>CAS NUMBER:</b>	9010-77-9
<b>DESCRIPTION:</b>	Random copolymer of ethylene and acrylic acid
<b>FORMULA:</b>	$(C_3H_4O_2.C_2H_4)_x$
<b>TYPICAL PROPERTIES:</b>	
Appearance:	Bead
Acrylic acid content:	10%
Brookfield viscosity:	650 cp (140°C)
Density:	0.93
Softening point (R&B):	102°C
Acid number:	75 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:**