



## Technical Data Sheet

<b>MATERIAL:</b>	Ethylene/methacrylic acid ionomer, sodium ion
<b>CATALOG NUMBER:</b>	465
<b>CAS NUMBER:</b>	25608-26-8
<b>DESCRIPTION:</b>	Random Ethylene/methacrylic acid copolymer, partially neutralized with sodium
<b>FORMULA:</b>	$(C_4H_6O_2)_m(C_2H_4)_n \cdot x Na$

**TYPICAL PROPERTIES:**

Appearance:	Pellets
Methacrylic acid content (wt%):	Approx 5%
Melt index:	10 g/10 min
Density:	0.94
Refractive index:	$n_D^{20}$ 1.51
Melting point:	95°C
Vicat softening point:	71°C
Solubility:	Insoluble in water

**GENERAL INFORMATION:** Thermoplastic ionomer which exhibits high clarity, toughness, flex life and low brittleness temperature. It finds use in automotive, electrical, safety and toy applications.

**STRUCTURE:**