



## Technical Data Sheet

<b>MATERIAL:</b>	Poly(vinyl chloride), carboxylated														
<b>CATALOG NUMBER:</b>	353														
<b>CAS NUMBER:</b>	25702-80-1														
<b>DESCRIPTION:</b>	Copolymer of vinyl chloride and acrylic acid														
<b>FORMULA:</b>	$(C_3H_4O_2.C_2H_3Cl)_x$														
<b>TYPICAL PROPERTIES:</b>	<table><tr><td>Appearance:</td><td>Powder</td></tr><tr><td>Carboxyl content:</td><td>1.8% by weight</td></tr><tr><td>Approx Mw:</td><td>220,000 [GPC]</td></tr><tr><td>Inherent viscosity:</td><td>1.4</td></tr><tr><td>Density:</td><td>1.39</td></tr><tr><td>Glass transition temp:</td><td>84°C</td></tr><tr><td>Solubility:</td><td>Acetone/carbon disulfide, MEK, THF</td></tr></table>	Appearance:	Powder	Carboxyl content:	1.8% by weight	Approx Mw:	220,000 [GPC]	Inherent viscosity:	1.4	Density:	1.39	Glass transition temp:	84°C	Solubility:	Acetone/carbon disulfide, MEK, THF
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<b>GENERAL INFORMATION:</b>	Carboxyl functional copolymer prepared by the copolymerization of vinyl chloride and acrylic acid. Incorporation of acrylic acid improves adhesion to various substrates and provides the ability to crosslink the carboxyl functionality. Typical applications include fabric coatings, hydrosol inks, solvent resistant coatings, and automotive sealants.														
<b>STRUCTURE:</b>															

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