



Technical Data Sheet

MATERIAL: Vinyl chloride/vinyl acetate/maleic acid terpolymer

CATALOG NUMBER: 422

CAS NUMBER: 9005-09-8

DESCRIPTION: Vinyl chloride/vinyl acetate/maleic acid terpolymer

FORMULA: $(C_4H_6O_2.C_4H_4O_4.C_2H_3Cl)_x$

TYPICAL PROPERTIES:

| | |
|-------------------------|-----------------------|
| Appearance: | Powder |
| Vinyl chloride content: | 86% |
| Vinyl acetate content: | 13% |
| Maleic acid content: | 1% |
| Approx Mw: | 70,000 [GPC] |
| Viscosity: | 45 cp (20 wt% in MEK) |
| Density: | 1.35 (20°C) |
| Melting point: | 100°C |
| Solubility: | MEK, THF |

GENERAL INFORMATION: Inclusion of carboxyl groups into the vinyl chloride/vinyl acetate copolymer gives the polymer improved adhesion to metal surfaces. These groups also provide points of reactivity for crosslinking reactions.

STRUCTURE: