

Technical Data Sheet

MATERIAL:	Poly(vinyl chloride)	
CATALOG NUMBER:	038	
CAS NUMBER:	9002-86-2	
DESCRIPTION:	Homopolymer of vinyl chloride	
FORMULA:	$(C_2H_3Cl)_x$	
TYPICAL PROPERTIES:	Appearance: Chlorine content: Approx Mw: Inherent viscosity: Density: Glass transition temp: Refractive index: Melting point: Solubility parameter: Flash point: Solubility:	Powder 56% by weight 275,000 [GPC] 1.40 1.40 85°C n _D ²⁰ 1.539 285°C 9.53 736°F Cyclohexanone, DMF, DMSO, MEK, THF
GENERAL INFORMATION:	Typical applications include pipe, pipe fittings, packaging films, wire and cable insulation, sheeting for pool liners and roof coatings, and adhesives formulations. PVC has the advantage over other	

adhesives formulations. PVC has the advantage over other thermoplastic polyolefins of built in fire retardancy because of its 57% chlorine.

STRUCTURE:

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