

Technical Data Sheet

MATERIAL:	Poly(vinyl chloride)	
CATALOG NUMBER:	698	
CAS NUMBER:	9002-86-2	
DESCRIPTION:	Homopolymer of vinyl chloride	
FORMULA:	(C ₂ H ₃ Cl) _x	
TYPICAL PROPERTIES:	Appearance: Chlorine content: Approx Mw: Inherent viscosity: Density: Glass transition temp: Refractive index: Melting point: Solubility:	Powder 56% by wt 120,000 [GPC] 0.73 1.40 $85^{\circ}C$ n_{D}^{20} 1.539 $285^{\circ}C$ 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 thermoplastic polyolefins of built in fire retardancy because of its 57% chlorine.	

STRUCTURE:

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