Section 1 - General Description

Type: Polyvinyl Chloride Homopolymer
Polymerization Process: Suspension
Appearance: White, free flowing powder

Section 2 – Features and Uses

PVC PIPE 25 resin is often converted into a wide range of pipe sizes and types, which meet the most stringent standards for water supply and distribution. Its medium molecular weight provides excellent processing characteristics in both single and multi-screw extruders. Typical Applications include irrigation, foam core, potable water, DWV/sewer pipe, electrical conduit and rigid profiles.

Section 3 - Resin Properties

Resin Properties	Specification Range
Inherent Viscosity (dl/g)	0.880 - 0.920
Relative Viscosity	2.12 - 2.19
K Value	64 - 65
Volatiles (%)	0.24 Max.
Malvern Particle Size	
% Retained on 40 mesh	0.5 Max.
% Retained on 60 mesh	7.0 Max.
% Retained on 200 mesh	15.0 Max.
% Retained on Pan	5.0 Max.
Residual Monomer (ppm)	3.2 Max.
Apparent Bulk Density (g/cc)	0.515 - 0.575
ASTM Cell Classification	GP4-16040
CAS Number	9002-86-2

Section 4 - Important

The information presented herein, while not guaranteed, was prepared by technical personnel and is true and accurate to the best of our knowledge. No warranty or guarantee, express or implied, is made regarding performance, stability or otherwise. This information is not intended to be all-inclusive as the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as a recommendation to infringe any existing patents or to violate any Federal, State, or local laws.