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Polyvinyl chloride Paste Resins 440

Technical Data Sheet

PRODUCT DESCRIPTION

Polyvinyl chloride paste resin (PVC) is a general purpose, medium molecular weight homopolymer designed primarily for the manufacture of PVC products. The resin product has a closely controlled particle size distribution and uniform porosity which results in excellent blending characteristics. This resin product exhibits good heat stability and good bulk density characteristics which makes this particular product especially suitable for the production of coating, molding and other general extrusion applications. This resin has good color and thermal stability.

RECOMMEND USE/APPLICATION

This PVC resin product is well suited for a broad range of applications. This product is designed for flexible profile extrusion, calendared and extruded sheet, and blown film applications where consistent particle size distribution, and low contamination, flexible gels and residual VCM levels are important. This resin has excellent clarity, color, plasticizer absorption, and thermal stability.

SPECIFICATION/TYPICAL PHYSICAL-CHEMICAL PROPERTIES

appearance	White powder
Polymerizing Index, ml/g	130-150
K value	71-76
Number of impurity particles	≤10
Apparent density, g/ml	0.2-0.4
Volatile content, %	<0.4
Particle size, ≥0.063mm	<0.01
Paste viscosity(B), pa.s	2.0-5.0
VCM residue, ppm	≤5



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PRECAUTIONS AND STORAGE

PVC dust is capable of propagating a secondary dust explosion. This potential can be reduced by good housekeeping, prevention of dust from process equipment, preventing accumulation of dust on overhead horizontal surfaces and eliminating potential ignition sources. Avoid heat, flames, sparks, and other sources of ignition.

Storage: Keep container closed. Store in a cool, dry, well ventilated place.

Reseal containers immediately after use. To maintain product quality, do not store in heat or direct sunlight, Keep only in the original container at a temperature not exceeding 40°C.

All information provided and recommendations made herein are intended to assist customers in determining whether our products are suitable for their applications. We request that customers inspect and test our products before use in order to make their own final decision regarding suitability. We do not guarantee results, freedom from patent infringement, or suitability of resultant products for any suggested application with respect to the use of any formula or material described herein.