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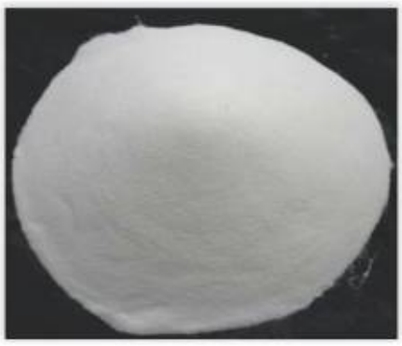
PVC Resin



Product Description:

Chemical Name: Poly (vinyl chloride)
Formula: (C2H3CL)n CAS No.: 9002-86-2 Molecular Weight: 62.4987
Hs Code: 3904109001 Property: White powder
Features: White powder, it will appear different physical and mechanical properties after add various additives to it. It has better quality of mechanic feature, anticorrosion, dielectric and anti-chemicals.
PVC resin is the most widely raw material used in plastic production. It has good chemical stability, corrosion resistance and water resistance. It can be dissolved in acetone, hydrochloric ether, ester and some alcohol. It can offer good solubility, good electrical insulation, thermo plasticity and membrane forming capacity.

Use: It is used in the insulation material of PVC tube, panel, hard transparent sheet, foil, disc, PVC monofilament, blow molding product, appliance insulation material.

Specification:

PVC resin - SG1 K-Value 76-75
PVC resin - SG2 K-Value 74-73
PVC resin - SG3 K-Value 72-71
PVC resin - SG4 K-Value 70-69
PVC resin - SG5 K-Value 68-66
PVC resin - SG6 K-Value 65-63
PVC resin - SG7 K-Value 62-60
PVC resin - SG8 K-Value 59-55
PVC resin - S1000 K-Value 68-66
PVC resin - S1300 K-Value 72-71

Application:

SG-1 is used in producing high-grade electrical insulating material.
SG-2 is used in producing electrical insulating material, common soft products and film.
SG-3 is used in producing electrical insulating materials, agricultural film, daily-use plastic products.
SG-4 is used in producing membranelle for industrial and civil use, tube and pipes.
SG-5 is used in producing transparent products section bar, hard tube and decorative materials.
SG-6 is used in producing clear foil, hard board and welding rod.
SG-7, SG-8 is used in producing clear foil, hard injection molding.

Specification of Polyvinyl chloride resin (GB/T5761-2006)

Tape:	SG1	SG2	SG3	SG4	SG5	SG6	SG7	SG8
K value	77-75	74-73	72-71	70-69	68-	65-63	62-60	59-55
Viscosity, ml/g	156-144	143-136	135-127	126-119	118-107	106-96	95-87	86-73
Average polymerization			1350-1250	1250-1150	1100-1000	950-850	950-850	750-650
Number of impurity particle =	30	30	30	30	30	30	40	40
Volatiles content %, =	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Appearing density g/ml =	0.42	0.42	0.42	0.42	0.42	0.45	0.45	0.45
Residual after sieve 0.25mm mesh =	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
0.063mm I=	90	90	90	90	90	90	90	90
Number of grain/400cm2 =	40	40	40	40	40	40	40	40
Plasticizer absorbency value of 100g resin	25	25	25	22	19	16	14	14
Whiteness %, =	74	74	74	74	74	74	70	70
Residual chlore thylene content mg/kg =	5	5	5	5	5	5	5	5
Ethylidene chloride mg/kg =	150	150	150	150	150	150	150	

www.globomotive.com
sales@globomotive.com
INDIA Office: +91 886 600 1604 | U.S.A Office: +1 678 561 5760
U.K Office : +44772 341 4162 | China Office: +8613775114290