

Chlorinated Rubber

Adhesive grade

CAS NO. 9006-03-5

Appearance: White Powder.

Properties:

Good acid resistance, alkali resistance, water resistance and good salt resistance. iSuoChem® CR is soluble in various solvents and compatible with many kinds of resin and compounds. As an adhesive, it can enhance the bonding strength, like the durable adhesive between rubber and metal, and improve the resist force in the following environments: Ozone, Mineral Oil, Chemicals, Burning, Environmental corrosion.

Solubility:

Soluble in organic solvents (like toluene and xylene) and forming a colorless or yellow transparent solution. Insoluble in ethanol fat hydrocarbons solvents.

Stability and Compatibility:

Stable in an atmosphere at room temperature and slowly degrading under continuous heating. Compatible with the majority of plasticizers, resins, pigments and fillers, etc.

Specifications

Type NO.	CR-22	CR-40	CR-90	CR-130	CR-170	CR-400
Chlorine Content (%)	65%min					
Viscosity at 23°C (18.5% in toluene, mPa.S)	20±4	42±9	92±18	150±30	165±35	400±50
Maximum solubility (w/w, %)	40					
Moisture (%)	0.6max					

Remark: The viscosity is measured by rotary viscometer, 18.5g CR: 81.5g Toluene.

Applications:

It can be used as an adhesive to bind many kinds of rubber (NR, IR, IIR, SBR, EPDM, CR, NBR, CM) with metals (steel, brass, aluminum). It is available in various viscosity grades. All grades are free from carbon tetrachloride (CTC).

Packing: Pack in 20kgs craft paper bag, 8mts/20'fcl with pallet.

Storage & transportation:

Store in dry & ventilated warehouse. Don't store it in open air. Prevent sunshine & moisture. Avoid high temperature. Avoid rain during transportation. It is not dangerous cargo.

Chlorinated Rubber Coating Grade

CAS NO. 9006-03-5

Appearance: White Granular Powder.

Application

iSuo Chem's Chlorinated Rubber has a good resistance to chemicals and atmosphere and good compatibility with many resins and plasticizers. It suitable for many industrial fields, such as anti-corrosion paint, ship paint, road marking paint, fireproof paint, metal, paper or fabric coatings, rubber product adhesives, adhesives and high-performance rubber products, etc.

Solubility and Compatibility:

SR series product could be dissolved in various solvents, and compatible with many kinds of resins, plasticizers and binders, etc.

Specifications

Type NO.	SR-5	SR-10	SR-20	SR-30	SR-40
Chlorine Content (%)	64.5%min				
Viscosity at 25°C (20% in toluene, mPa.S)	5-8	8-15	16-26	25-35	33-51
Moisture (%)	0.6max				
Ash content (%)	0.6max				
Density approx.(g/ml)	1.5				

Packing: Pack in 20kgs craft paper bag, 8mts/20'fcl.

Storage & transportation:

Store in dry & ventilated warehouse. Don't store it in open air. Prevent sunshine & moisture. Avoid high temperature. Avoid rain during transportation. It is not dangerous cargo.

Handling

Normal precautions should be observed as for handing all chemicals. Store indoor with adequate ventilation. Keep away from moisture, heat. Keep container closed. Wash thoroughly after handing. See the MSDS for more information.