

TECHNICAL DATA SHEET



CSM

Product From Jiangxi Hongrun Chemical Co.,Ltd

Description

Product name: Chlorosulfonated Polyethylene Rubber

Product abbreviation: CSM

Product function: The chemical structure bond of Chlorosulfonated Polyethylene is complete saturation. So vulcanizate has excellent ozone resistance, atmospheric aging resistance, chemical resistance, ionizing radiation resistance and color stability function, good physical mechanical function, thermal aging resistance, low temperature resistance, flame resistance, abrasion resistance, electrical insulation function and etc.

Color and form: light yellow and irregularly-shaped chips

Molecular formula: $\{ [(CH_2)_{n1}CHCl (CH_2)_{n2}]_{n3}CHSO_2Cl \}_n$

Package, storage, transportation and notices:

The product should be packaged in polypropylene woven bag with net weight 25kg per bag and stored in clean, dry, cool place. In transportation, rain, exposure under the sun should be prevented. Keeping away from any contaminated materials. It doesn't belong to hazardous product. Normally its shelf-life is 2 years.

Model	Volatile ≤%	Chloride %	S%	Mooney viscosity ML1+4, 100°C	Tensile strength MPa≥	Elongation %≥	Usage
20 type	2.0	28~32	1.3~ 1.7	25~40	—	—	Rubber cement, adhesives, tape products, soft material coating. natural rubber modification, synthetic rubber and some rubber products, etc.
30 type	2.0	38~43	0.8~ 1.2	40~60	—	—	Hard material coating, adhesives, outdoor architectural coating, anti-corrosion lining of chemical facilities, chemical equipment and pipelines, etc.
40type	2.0	33~37	0.8~ 1.2	41~60	25.0	450	Every kind of automotive hose, special hose , seal, oil seal products , wire and cable , rubber compound , special rubber roller, special tape and special rubber products
45type	2.0	23~27	0.8~ 1.2	25~40	25.0	450	Magnetic rubber, radiation shield, high hardness products, floor adhesive, waterproofing roof seal, rubber rollers, specialty tapes, waterproofing membranes and other special rubber products.