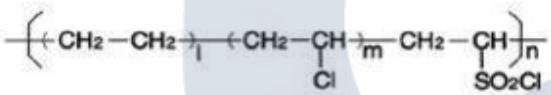
TDS OF CSM

Product Name: CSM（chlorosulfonated polyethylene)

CAS CODE: 68037-39-8

H.S CODE: 400299

FORMULA STRUCTURE



PRODUCTION PROCESS:

LIXING-CSM is a kind of special rubber, it is produced from polyethylene by chlorination and chlorosulphonation with chlorine and sulphur dioxide. Various Grades of Lixintg-CSM are obtained according to the degree of chlorination and chlorosulphonation as well as sort of polyethylene polymer, the molecular chain is fully saturated.

SPECIFICATIONS:

Grade	Mooney viscosity	Cl content%	Sulphur content%	Vdaf%
CSM40-3304	41~50	35±2	1 ±0 2	<1 0
CSM40-3305	51~60	35±2	1 ±0.2	<1.0
CSM40-3306	61~70	35±2	1 ±0.2	<1.0
CSM40-3307	71~80	35±2	1 ±0.2	<1.0
CSM40-3308	81~90	35±2	1 ±0 2	<1 0
CSM45	25~40	25±2	1 ±0.2	<1.0

COUNTER GRADE:
CSM40-3304(TS-430),CSM40-3305(TS-530),CSM-3308(TS-830),CSM45(TS-320)

PACKAGING: 25KGS/BAG,1000KGS/PLT.PLT SIZE:1.1X1.4X1.05M

STORAGE AND SHELF LIFE: 2 years kept in low temperature, dry and ventilated place, avoid direct sunlight.

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PROPERTIES

LIXING brand CSM provides a wide range of high-performance characteristics.

- Resistant to alkali and acid
- Color stability
- Resistant to temperature extremes
- Smooth material forms to different applications
- Excellent adhesion to metals
- Good electrical properties
- Radar transparent

PHYSICAL PROPERTIES

Elongation: 100% – 800%

Hardness Range (Durometer Shore A): 45 – 95

Tensile Strength: 1,000 – 3,000psi

THERMAL PROPERTIES

Minimum Service Temperature: -40° C

Maximum Service Temperature: 140° C

APPLICATIONS

Lixing CSM is well suited to a variety of industrial and outdoor applications.

- Rubber stripping / belts
- Rubber sheet/Mat/rolls/flooring/plate
- Roofing membrane/Oil or solvent tank lining
- Radome surface coat / Containment suits
- Life-jackets / windbreakers / raincoats
- Cables / Wire and cable sheathing
- Impact resistant pipe
- Inflatable boats and kayaks/life boats
- Snowshoe decking / sports shoes
- Train Elastomer Connections
- Handrails of escalator / municipal gas hoses
- Industrial rollers

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