

TOSO-CSM[®] Chlorosulphonated Polyethylene

extos[®] Alkylated Chlorosulphonated Polyethylene

Chlorosulphonated Polyethylene (CSP / CSM)

TOSOH Corporation is using Environmentally Friendly Solvents. Other company's CSM may contain CARBON TETRA CHLORIDE (CTC) which is Harmful for the Environment as it Damages the Ozone Layer. CTC is Carcinogen which can Cause Cancer. CTC is banned under the Montreal Protocol.

Grades	Chlorine Content (%)	Sulfur Content (%)	Mooney viscosity ML ₁₊₄ 100°C	Features
TOSO-CSM				
TS-530	35	1.0	56	General purpose grade that achieves balance in physical properties unit degradation and processability
TS-430	35	1.0	46	Similar to the TS-530 with low Mooney viscosity with good processability
TS-830	36	1.0	90	Similar to the TS-530 with high Loding Type Mooney viscosity
TS-9303	36	1.0	105	Similar to the TS-530 high Loding Type low Mooney viscosity Suitable for expansion using higher filler oil dosages to reduce cost.
TS-320	23	1.0	37	Thermoplastic that can be used without curing Lower chlorine content than general grade. Good resistance ro cold.
TS-340	43	1.0	350*	Good solubility, inorganic Solvent low solution viscosity, oil resiatance
CN-1500	30	1.0	1400*	Good Solubility, inorganic Solvent low solution viscosity
extos				
ET-8010	26	0.7	40	Good dynamic and low temperature properties Vulcanizng adhesion with EPDM is possible
ET-8510	30	0.9	1400	Oil resiatance

APPLICATIONS

CSM / CSP

Hoses- Automotive Fuel, Power Steering, Brake, Hydraulic
Hoses Industrial – High Pressure, LPG, Chemical Resistance.
Electrical Cables / Parts – High, Low tension cables.
Communication, Submarine cables, Heat resistant wire coverings, Radioactive resistant cables.
General - Rollers, Linings.
Engineering & Building articles – Escalator handrails, Building gaskets, Pond lining sheets, Roofing sheets, Weather & corrosion resistant paints/coating.

EXTOS

- Synchronous timing belts
- Poly V-belts
- Covering for weatherstrips
- Coupling covers (Train parts)
- Building gaskets.

