



CPE

Chlorinated Polyethylene

Hebei Shengxing Chemical Co., Ltd.



Hebei Shengxing Chemical Co., Ltd. was founded in 2014 as a high-tech enterprise under the Jiheng Group. We specialize in producing chlorinated polymers and related products using cutting-edge technology. With workforce over 110 skilled employees, we focus on the production of Chlorinated Polyethylene (CPE), annual capacity reach to 50,000 tons.

Our company is driven by strategic focus on scientific and technological development, reflected in we use internationally advanced automated production and inspection equipment for chlorinated polyethylene. We pride ourselves on producing products that have reached international advanced quality standards, with exceptional stability and reliability.

We export our products to more than 40 countries and regions, and we unwavering commit to delivering high-quality products and services has earned us widespread reputation. As we continue to advance our technology and innovation, we remain dedicated to meeting the ever-changing demands of the global market.





Chlorinated Polyethylene Resin

SHENGXING Chlorinated Polyethylene Resin (CPE) is an excellent impact modifier, which is widely used in PVC pipes, pipe fittings, profiles, plates and other hard plastic products. With excellent weather resistance, ozone resistance, chemical resistance and aging resistance, and good oil resistance, flame retardant and coloration performance, it can greatly improve the impact strength of products. It is a kind of plastic modified material with good performance.

Application

- Widely used in the field of PVC industrial profiles, it is an economical and effective impact modifier. Improve the mechanical properties of PVC products, increase the service life of the products.
- It can be used as flame retardant materials in ABS, SAN, HDPE and PP materials to improve the physical properties and flame retardant effect of these materials.
- Good wear resistance and flexibility, can be used in waterproof membrane, sole material, sealing strip, tarpaulin, plastic wire sheath and other plastic soft products industry.
- It can improve the aging resistance of PE and reduce the hardness.

Technical Data Sheet

Item	Unit	CPE135A
Chlorine Content	%	35±1
Heat of Fusion	J/g≤	2
Volatile Matter	%≤	0.3
Impurity Particles	pcs/200g≤	40
Hardness	Shore A ≤	60
Tensile Strength	MPa≥	8
Elongation at Break	%≥	700
Ash Content	%≤	4.5

Chlorinated Polyethylene Rubber (CM)

SHENGXING Chlorinated Polyethylene Rubber can greatly improve the physical and mechanical properties of products, so it is widely used with excellent oil resistance, chemical resistance, heat resistance, wear resistance and small deformation.

Excellent Mechanical Properties

Low Temperature Resistance

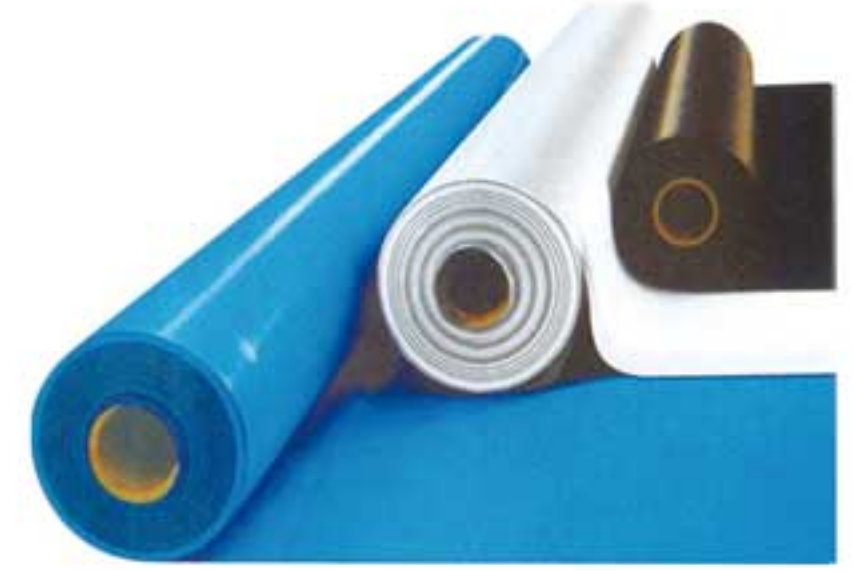
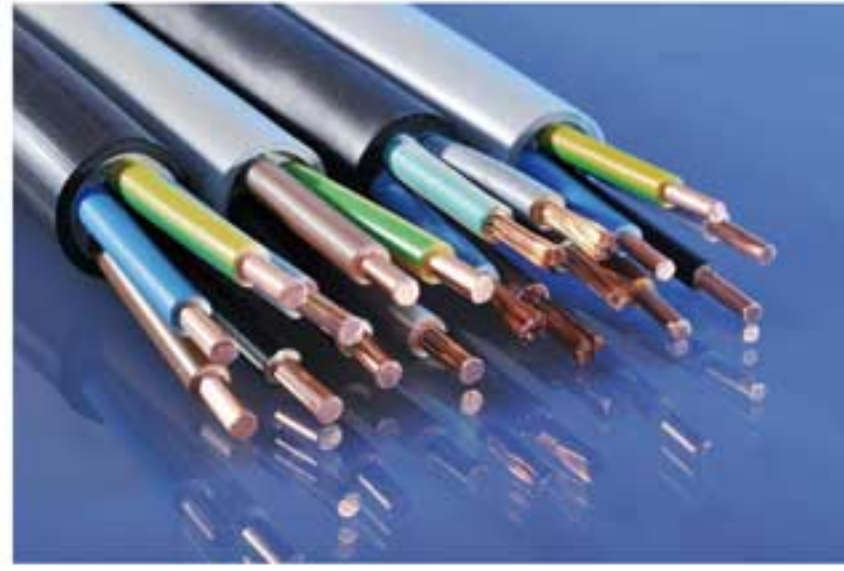
Good Flexibility

Anti-aging

Weather Resistance

Oil Resistance

Flame Retardant



Item	CM3550	CM3565	CM3575	CM3580	CM4080
Chlorine Content %	35±1	35±1	35±1	35±1	40±1
Heat of Fusion J/g≤	1.5	1.5	1.5	1.5	1.5
Volatile Matter %≤	0.3	0.3	0.3	0.3	0.3
Impurity Particles pcs/200g≤	40	40	40	40	40
Shore A Hardness ≤	55	55	55	60	55
Tensile Strength MPa≥	8	8	8	8	8
Elongation at Break %≥	700	700	700	700	700
Mooney Viscosity ML(1+4) 125°C	50±5	65±5	75±5	80±5	90±10
Ash Conten %≤	4.5	4.5	4.5	4.5	4.5
Application	Rubber hoses, foaming products, wires or cables	Cables or wires, many rubber products	Cables, wires, rubber hoses and other rubber products	Cables and wires, rubber hoses and other rubber products.	Oil resistance hoses or other rubber products, flame retardant products
Prooperties	Low mooney viscosity, good processing performance	Relatively low mooney viscosity, excellent processing performance	High tensile strength, good filling performance	High tensile strength, excellent processing performance	High tensile strength with good performance of oil resistance and flame retardant



Special Modified Chlorinated Polyethylene

SHENGXING Special Modified Chlorinated Polyethylene improved some technical specifications specially, highlight the application of this product in certain fields.

Item	8130	8135	8140
Chlorine Content %	30±1	35±1	40±1
Heat of Fusion J/g≤	1.5	1.5	1.5
Volatile Matter %≤	0.3	0.3	0.3
Impurity Particles pcs/200g≤	40	40	40
Shore A Hardness ≤	65	55	60
Tensile Strength MPa≥	8	8	8
Elongation at Break %≥	700	700	700
Mooney Viscosity ML(1+4)125℃	60±5	65±5	90±10
Application	Cables and wires, rubber hoses, magnetic materials	Cables, wires, rubber products	Flame retardant products, oil resistant hoses
Properties	Good performance at low temperature resistance, low mooney viscosity, high volume resistivity	Relatively low mooney viscosity, excellent processing performance	Excellent oil resistance, flame retardant, high tensile strength



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