

SHANDONG GAOXIN CHEMICAL CO.,LTD

TECHNICAL SPECIFICATION

CPE

DATA SHEET:

No.	Item	Grade			
		CPE130	CPE135	CM135	CM140
		Index			
1	Chlorine content %	30±2	35±2	35±2	40±2
2	Heat of Fusion/(J/g) ≤	2.0	2.0	2.0	2.0
3	Volatile content/% ≤	0.40	0.40	0.50	0.50
4	Sieving remainder (0.9mm sieve pore) /% ≤	2.0	2.0	-	-
5	Impurity particles/ (pieces/100g) ≤	50	50	-	-
6	Ash content /% ≤	4.5	4.5	4.5	4.5
7	Mooney viscosity ML(1+4)125°C ≤	-	-	100	120
8	Elongation at break /M Pa ≥	8.0	8.0	6.0	6.0
9	Shore hardness (Shore A) ≥	65	65	60	65

Features:

- ◆ With good impact modifier characteristic and flexibility
- ◆ Good chemical resistance

- ◆ Excellent high and low temperature and weather resistance
- ◆ Good fire resistance
- ◆ With good compatibility with PVC, PE and ABS
- ◆ Excellent processing performance
- ◆ Good filling characteristic

Usage:

- ◆ CPE is an excellent impact modifier and cost effective , it can improve the shock strength and low and high temperature resistance when it be used in rigid plastic pipe and fittings and so on.
- ◆ CPE with good fire resistance characteristic and can be compatible with ABS, so can be used as the ABS's fire resistance.
- ◆ CPE with a good filling characteristic for iron oxide magnetic powder, the magnetic material with CPE having the low temperature flexibility, and it is widely used as the sealing strip and magnetic card of refrigerator.
- ◆ Semi-rigid plastic products and Soft plastic products.

CPE as the nonmigratory plasticizer for macromolecule, it can improve the product's softness and aging resistance performance. It can be used as the production of cables and cords, improving the wear-resisting and aging-resisting and 、 insulation; also can improve the low temperature and weather resistance of film and hose.

Package:

This product adopts polyethylene bags for internal use and polypropylene bags for external use with net weight of $25 \pm 0.2\text{kg}$ per bag.