

## CHLORINATED POLYETHYLENE (CPE - 135A)

### Physical performance:

Chlorinated polyethylene (CPE) is a high-molecular-weight elastomeric material produced by chlorinating HDPE. It is a white, non-toxic powder with excellent flame resistance, weatherability, low-temperature flexibility, and impact strength. CPE can be blended with other plastics and is primarily used as an impact modifier for PVC.

Chlorinated Polyethylene CPE 135A	Specifications	Test Results
<b>Analysis Items</b>		
<b>Chlorine content (%)</b>	35±2	36.8%
<b>Heat of fusion (J/g)</b>	≤2.0	0.57
<b>Volatile content(%)</b>	≤0.4	0.38
<b>Screen tailings(0.9mm aperture) (%)</b>	≤2.0	0.1
<b>Shore hardness shoreA</b>	≤65	57
<b>Tensile strength (Mpa)</b>	≥8.0	10.2
<b>Elongation at break (%)</b>	≥650	653
<b>Bulk density (g/ml)</b>	≥0.45	0.59
<b>Caco3%</b>	≤15	15

### Use:

Mainly used for producing rigid PVC for example- PVC Profile, PVC Pipes, PVC Panels etc.

### Storage & transportation:

Kept in dry and ventilating place, avoid moisture, insolation and fire. No mix with other chemicals.

**Packing:** PP Bag .Net Wt 25kg

