

CHLORINATED POLYETHYLENE (CPE - 6325)

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 6325 | Specifications | Test Result |
|--------------------------------------|----------------|-------------|
| Analysis Items | | |
| Chlorine content (%) | 35±2 | 36.7% |
| Heat of fusion (J/g) | ≤2.0 | 0.53 |
| Volatile content(%) | ≤0.4 | 0.37 |
| Screen tailings(0.9mm aperture) (%) | ≤2.0 | 0.1 |
| Shore hardness shoreA | ≤65 | 57 |
| Tensile strength (Mpa) | ≥8.0 | 11.3 |
| Elongation at break (%) | ≥650 | 665 |
| Bulk density (g/ml) | ≥0.45 | 0.55 |
| Caco3 % | ≤5 | 5 |

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

