

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.

Quality specification:

| Analysis Items | Specification |
|-------------------------------|---------------|
| Appearance | White Powder |
| Chlorine content (%) | 35±2 |
| Whiteness | ≥85 |
| Hot melt(J/g) | ≤2.0 |
| Volatile matter (%) | ≤0.4 |
| Sieve residue(0.9mm aperture) | ≤2.0 |
| Impurity Particle (No/ 100g) | ≤30 |
| Tensile strength(Mpa) | ≥8.0 |
| Elongation at break (%) | ≥650 |
| Shore A hardness(A) | ≤65 |

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