

Chlorinated Polyethylene (CPE135A)

Product Description

Chlorinated polyethylene (CPE) is a high molecular elastomeric material that is chlorinated by HDPE. It is a white powder and innocuous. It has excellent anti-flaming, weatherability, lower-temperature flexibility and impact strength, etc. It can be blended with other plastics and rubber, mainly used as a PVC impact modifier.

Technical Data

Item	Unit	CPE135A
Chlorine Content	%	35±2
Thermal Decomposition Temperature	C	≥165
Bulk Density	g/cc	≥50
Volatiles content	%	≤0.5
Particle size (20 mesh passing percentage)	%	≥99
Impurity Particle	50g	≤10
Shore Hardness	-	≤65
Tensile Strength	MPa	≥6.0

Applications

It is widely used in PVC profiles, pipes, pipe fittings, sheets, etc.

Standard Packaging

25kg or 20kg bags and 250kg or 500kg jumbo bags.

Storage & Handling

CPE135A should be kept away from flames and other sources of heat. The Product should be stored in a cool and ventilated area. Adequate precautions should be taken to keep all dust levels below values that are hazardous to health and safety. In case of eye or skin contacts, eyes should be flushed immediately with fresh water to remove dust particles and affected skin areas should be washed with soap and water.