CPE-135A Technical Data Sheet

Product Characteristics

CPE 135A is a high molecular copolymer made from HDPE and chlorine with linear molecular structure, it's a kind of thermoplastic elastomer. it has a series of excellent performance, like: heatproof, weather-proof, flame-retardancy, chemical-resistance and ozone-resistance, its basic function is to improve the weatherability and impact strength of PVC finished products.

CPE 135A developed by our company owns with excellent elongation rate at break and lower hardness, displaying outstanding toughness therefore it can largely increase the impact strength and ductility of PVC finished products.

Applications

- PVC door and fencing
- PVC window profile
- Pipe
- Electrical conduit

Specifications & Properties

Appearance:	White powder
Chlorine content:	35±2 %
Heat of fusion:	2 J/g
Volatile content:	≤ 0.4%
Sieve remainder, 0.9 mm sieve:	≤ 2
Bulk Density:	0.4-0.6 g/cm^3
Colored particles:	≤ 8 piece/100g
Specific gravity:	1.1-1.2
Hardness, Shore A:	≤ 65
Tensile strength:	≥ 6 Mpa
Elongation at break:	≥ 700%
$CaCo_3$ content:	≤ 5%

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Properties

- Excellent elongation rate at break and ductility
- Excellent compatibility with PVC resin
- Good weather-resistance
- Inherent flame-retardancy
- Excellent heatproof, chemical-resistance and oil-resistance.
- Excellent acceptance of high filler levels

Packing

25kg bag with PP bag and PE inner bag

Product Storage

It should be stored in cool and dry surroundings with shelf life of two years, it can be used if qualified by inspection after shelf life.

Safety Precautions

Please consult the MSDS before handling for additional information concerning personal protective equipment, Safety, Health and Environmental information, and always exercise the utmost care in handling.

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