

Chemical Name: Chloride Polyethylene;

Synonyms: CPE, CM.

CAS No.:63231-66-3

Molecular Formula: :[CH₂-CHCl-CH₂-CH₂]_n

Structure formula :

1 Specifications:

Item	Unit	Types					
		CPE135A	CPE7035	CPEK135	CPE6035	CPE135C	CPE235C
Chlorine Content	%	35±2	35±2	35±2	35±2	35±2	35±2
Heat of Fusion	J/g	≤2.0	≤2.0	≤2.0	≤2.0	≤5.0	≤10.0
Shore Hardness	A	≤65	≤65	≤65	≤65	≤60	≤70
Tensile Strength	MPa	≥8.0	≥8.0	≥8.0	≥8.0	≥6.0	≥8.0
Elongation at Break	%	≥700	≥700	≥700	≥700	≥600	/
Volatile content	%	≤0.40	≤0.40	≤0.40	≤0.40	≤0.40	≤0.40
Sieve residue(0.9mm)	%	≤2.0	≤2.0	≤2.0	≤2.0	≤2.0	≤2.0
Non-ferrous Particles	pcs/100g	≤40	≤40	≤40	≤40	/	/

2 Applications:

Types	Applications
CPE135A	Impact modifier for rigid plastic products , such as PVC profiles , PVC pipes , PVC panels etc.
CPE7035	The extrusion speed is better than CPE135A
CPEK135	New type CPE for plasticing, it can improve the speed of extrusion.
CPE6035	Similar as Tyrin6000
CPE135C	Suitable for ABS injecting products which needs flame resistance .
CPE235C	Compatibilizer of flame resistant in ABS resin, for injection molding PVC, PP & PE ,etc.

3 Packing: 25Kg PP Bags or Paper Bags.

Loyal Gain International Enterprise Limited

Head Office: No.180,Wenhua Road, Weifang City, Shandong Province, P.R.China.

Tel: 86-536-8251229; Fax: 86-536-8255868; eMail: chem@loyalgain.cn