

# Technical Data Sheet

## Topadd® CPE-135C

This product is a random and saturated thermoplastic resin with minimal residual crystal and lowest molecule weight . It has very good processing flowability and can be blended with ABS, PC, PE, PP and PVC in any ratio. Especially recommend for flame Retardant ABS and flexible films.

### Benefits used in ABS Resin:

- As compatible agent to increase compatible ability between flame retardant ,filler and ABS resin.
- As assistant Flame retardant filler because of high Chlorine content with lower cost
- Excellent processing flowability
- Increasing toughness and impact strength

### Tech Spec:

Items	UNIT	INDEX	Test Method
Chlorine content	%	35±1	ISO 7725
Heat of Fusion	J/g	≤7.5	DSC
Volatile Matter component	%	≤0.4	ISO 1269
Rate of filtration(40 mesh)	%	≥98	--
Shore Hardness A	°	≤65	ISO 7619
Thermal decomposition	°	≥170	--
Bulk density	g/cm3	≥0.5	--
Tensile strength	Mpa	≥8.0	ISO 37
Elongation at break	%	≥700	ISO 37
Whiteness E457	°	≥80	--

### Applicant:

CPE-135C used in ABS products which have property in flaming retarding . It is suitable used in ABS injecting products which has inflaming retarding property meanwhile it can increase the impact toughne of ABS products. Also used to produce flexible PVC product.

### Package and Storage:

25kg PP valve bag

The product can be stored under appropriate conditions for two years. But please keep products store in a dry ventilated environment (temperature should not exceed 30°C, in low humidity). Inappropriate storage environment may cause agglomeration.Especially at high temperatures & high humidity, it is recommended not to stack more than 30 days long, it may increase agglomeration phenomenon. Agglomeration does not affect the quality and performance , not a quality problem, but Agglomeration material is smashed before using .



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It is not dangerous cargo .You should handle the material according to the instruction described on MSDS.The MSDS is available from sales department once required.

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