

Technical Data Sheet

Topadd® CRA-03CA

Impact modifier CRA-03CA is a grafted copolymer of light-chlorinated HDPE and acrylate with structure of CPE-grafted-polyacrylate. Compared to CPE, CRA has faster fusion and higher elongation rate at break. Its main function is to enhance the impact strength under low temperature and to promote the fusion property of PVC blend. It can bring the best toughness to PVC products than other PVC additives.

Product benefits

- Excellent elongation rate at break and toughness
- Excellent corner welding strength
- Excellent impact strength under low temperature
- Fast fusion property
- Better weather-resistance
- Good surface glossness and excellent processability

Technical specifications

Specification	Unit	Test standard	CRA-03CA
Appearance	--	--	White powder
Bulk density	g/cm ³	GB/T 1636-2008	≥0.45
Sieve residue (30mesh)	%	GB/T 2916	≤2.0
Volatile content	%	ASTM D5668	≤1.5
Tensile strength	MPa	GB/T 528-2009	≥6.0
Elongation at break	%	GB/T 528-2009	≥1200
Hardness (Shore A)		GB/T 2411-2008	≤56

Application

CRA-03CA can effectively replace CPE+PA(processing aids) in the formulation with less dosage. Especially for window profile , siding profile.

Package and Storage:

25kg/bag: PP valve bag with PE liner ; 550kg/sack: PP bag with PE liner

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

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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