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TECHNICAL DATA SHEET

Chlorinated polypropylene

Chlorinated polypropylene(CPP)is a thermoplastic resin made from chemically modified polypropylene(PP).
Depending on the chlorinated content,its melting point is generally 80-160℃,and its decomposition temperature is 120-200℃.It is soluble in halogenated hydrocarbons,toluene,esters and other solvents and has good resistance to abrasion,ageing and acidity.

Specifications

Type	Brand Model	Cl content %	Viscosity mPa.s/25°C
Ink grade	SH-100	28-32	200-400
	SH-200	28-32	100-300
	SH-400D	36-40	100-300
	SH-500	30-34	100-300
Coating grade	SH-600D	24-28	50-100
	SH-715	26-30	50-150
Coating grade （Modified grafting）	SH-200W	26-30	200-400
	SH-704	26-31	50-150
	SH-735	23-27	20-100

Application

1.Chlorinated polypropylene is a thermoplastic resin with strong adhesion to polypropylene and good adhesion to various materials such as polyethylene,paper and lead film,and is therefore widely used in inks,coatings and adhesives. its main uses are as follows.

1.1 Chlorinated polypropylene is used as the main resin in the production of laminating inks for BOPP(bi-oriented polypropylene)films.

1.2 Chlorinated polypropylene can be used as the main resin for the production of adhesives.For example. As a binder for BOPP film to paper.
As an inner coating for pressure-sensitive adhesive tapes for BOPP films.

1.3 Due to its good film-forming properties and good gloss,polypropylene chloride is widely used as a coating for polypropylene injection moulded products,e.g.for polypropylene injection moulded products and as a coating for BOPP films.

2.Usage

The performance of chlorinated polypropylene is related to the chlorinated content and viscosity and the use of the product varies with the chlorinated content or viscosity.

Therefore,the product should be used under the guidance of a professional engineer. The usual method of use is to dissolve it in toluene or other solvents of the ester type and prepare a liquid containing 20% of the product,which is then added to the ink according to the requirements of the ink formulation.

Advice for use:The amount of this product to be added to each ink formulation is different and should be used under the guidance of an ink engineer.

Packing: Powder CPP packed in 20kgs carton,.

Storage & transportation:

Store in dry & ventilated warehouse. Don’t store it in open air. Prevent sunshine & moisture. Avoid high temperature beyond 60°C. Avoid rain during transportation. It is not dangerous cargo.