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ISO 9001-2000  
REGISTERED

## CPW-100 CHLORINATED PARAFFIN WAX

CPW-100 is a 100°C softening point, chlorinated paraffin wax containing 71.5% chlorine by weight. This products is useful in rubber and plastic compounds as a very efficient flame retardant as well as a plasticizer and extender. It is an excellent source of chlorine as a synergist with antimony oxide in flame retardant systems.

CPW-100 is available in either flaked or fine (50 mesh) powder form. The flaked form is very easy to handle and incorporates readily into rubber compounds using conventional mixing equipment. The powdered form may be the preferred physical form for many plastic compounds, especially polyester resins. The high chlorine content provides optimum flame resistance at relatively low concentrations. In addition, the resin form often provides improved physical properties and non-drip characteristics compared to the liquid halogenated products.

### TYPICAL PROPERTIES

Physical Form	Flakes or 50 Mesh Powder
Chlorine Content (Wt. %)	71.5
Specific Gravity	1.6
Stability: J.Q.D. Method	0.1
% HCl, 4 Hours @ 175°C	
Softening Point, °C	103

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