



HARWICK STANDARD
DISTRIBUTION CORPORATION

60 S. SEIBERLING ST.
P.O. BOX 9360
AKRON, OH 44305-0360
PHONE: (330) 798-9300
FAX: (330) 798-0214
TECHNICAL FAX: (330) 798-9328
SALES FAX: (330) 798-4089
WWW.HARWICKSTANDARD.COM

ISO 9000
REGISTERED

CPW-100 AND CPW-100-HS

Chlorinated Paraffin Waxes

CPW-100 and CPW-100-HS are 100°C softening point, chlorinated paraffin waxes containing 71.5% chlorine by weight. These products are useful in rubber and plastic compounds as a very efficient flame retardant as well as a plasticizer and extender. They are 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.

CPW-100-HS is recommended for high temperature applications, such as extruded polyolefins. CPW-100-HS contains a special antidegradant for improved resistance to discoloration on prolonged exposure to high temperature processing conditions. CPW-100-HS is available in 50 mesh powder form only. The typical properties are as follows:

	<u>CPW-100</u>	<u>CPW-100-HS</u>
Physical Form	Flakes or 50 Mesh Powder	50Mesh Powder
Chlorine Content (Wt. %)	71.5	71.5
Specific Gravity	1.6	1.6
Stability: J.Q.D. Method	0.1	.05
% HCl, 4 Hours @ 175°C		
Softening Point, °C	103	103

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