

**HORDARESIN CH 151 P**  
*Solid Chlorinated Alkane*

**TYPICAL PROPERTIES**

Chlorine, %	71 min.
Color, APHA	125 max.
Physical Form	Powder
Softening Point, °C (ASTM D-36)	106 ± 1
Heat Stability, 2 hrs. @ 185°C	0.01 max

**DESCRIPTION**

**Hordaresin CH 151 P** is a solid chlorinated alkane which is used in a variety of applications including paints, coatings, rubber, adhesives, polyolefins, textiles & fabrics. It is used primarily as a flame retardant and shows excellent synergy with antimony trioxide. Additionally, ancillary improvements in various grades of rubber have been seen with improvements in both tensile and tear properties. In polyolefins, **Hordaresin CH 151 P** is generally recommended for use in standard grades of low-density polyethylene. In mineral filled polypropylene composites, **Hordaresin CH 151 P** has been used as a coupling agent.

**Hordaresin CH 151 P** is particularly suited for use with alkyd resins. When used in alkyd resin paints, it offers good gloss and retention, rapid surface drying, good adhesion and weathering resistance, and excellent water resistance. It is used in a variety of paint, coatings and adhesives applications, including chlorinated rubber, non-skid paints, intumescent flame retardant paints, and as a low cost resin extender in traffic paints to additionally improve adhesion, water, oil, gas and chemical resistance. **Hordaresin CH 151 P** is an excellent halogen source for flame retarding textiles and fabrics. The products are essentially non-toxic, provide good durability and stability, and impart water resistance.

**Hordaresin CH 151 P** is soluble in aliphatic and aromatic hydrocarbons, chlorinated hydrocarbons and esters. Cloudy solutions are seen when working with petroleum hydrocarbon solvents at low temperatures, but the films dry clear. For information or formulary guidelines more specific to your application and additional solubility information, please contact your regional sales manager, or go to [www.doverchem.com](http://www.doverchem.com).

**Chlorez** products retain a shelf life of 2 to 4 years if stored at room temperature (<100°F or 33°C).  
DO NOT STORE NEAR ANY HEAT SOURCE - PRODUCT WILL SOLIDIFY.

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