

# VAPPRO<sup>®</sup>

VAPOUR CORROSION INHIBITOR

**Your Corrosion Solution**

## PRODUCT INFORMATION

### VAPPRO 1000

#### VCI POWDER

**Function:**  
Vapour Corrosion  
Inhibitor (VCI)

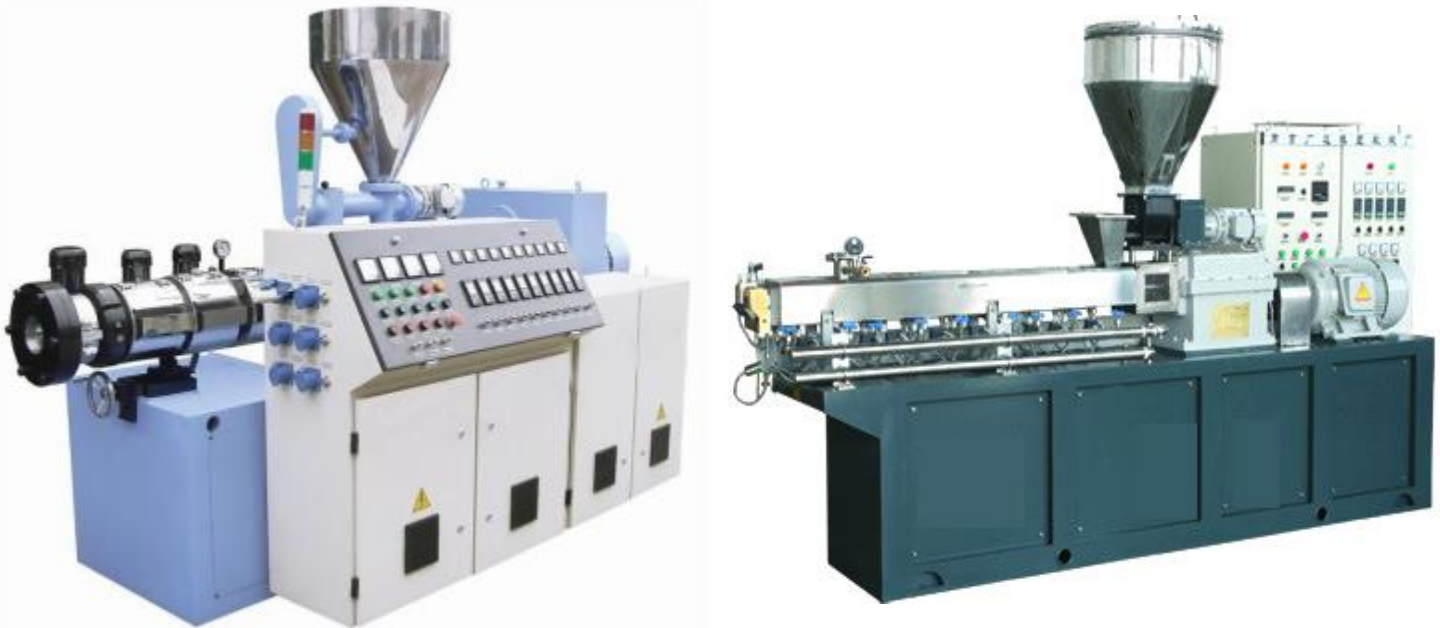
**Application:**  
For compounding into  
Masterbatch Resin

**Form:**  
Powder

## DESCRIPTION

**VAPPRO 1000** is a VCI powder designed for the production of VCI Masterbatch Resins. Twin Screw extruder is recommended for the compounding of Masterbatch resin using our VCI Powder

**VAPPRO 1000** VCI Powder is a specialty corrosion inhibiting powder that has excellent corrosion protection for both ferrous and non-ferrous metals. It is 100% Nitrite FREE and does not contain chromates or any other heavy metals.



## FEATURES

- Essentially non-toxic, nitrite free and does not contain chromates.
- Easy application
- Multi-metal protection
- Provides long-term protection

## APPLICATIONS

Recommended for use in LLDPE, LDPE, MDPE, PP etc.

## DIRECTIONS FOR USE

Add a minimum of **25% loading of VCI Powder** in the polyethylene formulations to produce the VCI Masterbatch. The final letdown ratio of the Masterbatch to produce VCI film is **5%** depending on your VCI Powder loading.

## PACKAGING

- 134lbs Fiber Drum. 4 drums per pallet.

## PHYSICAL PROPERTIES

Physical Form	Fine Powder
Colour	White
Boiling Point	Decomposes when heated above 300°C (570°F)
Melting Point	170°C
Alkalinity (as NaOH)	Not more than 0.04% as NaOH
Vapour Pressure	0.03 mm Hg
Solubility in Water	Partly Soluble
Relative Density	27-32 lbs/pi <sup>3</sup> (Powder)

### North & South America



### Warehouse Address

1450 Government Road West  
Kirkland Lake, Ontario P2N 2E9 Canada  
Tel: 416 479 9151 Fax: 888 317 1993  
Email: [magna@vapro.com](mailto:magna@vapro.com)  
[www.vapro.com](http://www.vapro.com)

### Office Address

33 Blue Heron Drive  
Orangeville, Ontario L9W 5K5 Canada  
Tel: 416-479-9151  
Fax: 888-317-1993