



## PRODUCT INFORMATION

### VAPPRO 1000 MBR VCI Masterbatch

Function: Vapour Corrosion Inhibitor	Application: VCI Masterbatch Plastic Additive	Form: Resins
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## DESCRIPTION



**VAPPRO 1000 MBR VCI Masterbatch is 100% NITRITE & AMINE FREE.** This masterbatch is encapsulated in linear low-density polyethylene resins. It contains a proprietary VCI compound that provides superior corrosion protection properties in PE film.

**VAPPRO 1000 MBR** Masterbatch additive is specially formulated for the corrosion protection of multi-metals.

**VAPPRO 1000 MBR** is used for the production of VCI Blown Film, VCI Stretch Film, VCI Shrink Film, VCI Bubble Wrap, and VCI Polyethylene Foam to name a few.

With the introduction of **VAPPRO 1000 MBR**, VCI Film Products can be produced at a very competitive price anywhere in the World. **VAPPRO 1000 MBR** value-adding additive is safe, easy to process and does not require any changes in the film extrusion manufacturing process.

VCI Film made with 6% of **VAPPRO 1000 MBR** and has a film thickness of 100 microns (4mil) conforms to **British Test Method BSI IEC 68-2-30:1980 & MIL-STD 3010C**.

## APPLICATION



The let-down ratio of **VAPPRO 1000 MBR** is **6% by weight**. By means of a rotating mixer, mix the VCI Masterbatch Additive thoroughly with virgin PE resins prior to extrusion.

Once it is thoroughly mixed, put the mixture into the hopper of the extruder for extrusion into film. We recommend that only virgin P.E. resin should be used for the production of VCI film. If necessary, modifications are made to provide for any additional properties needed such as UV, Anti-Static, and so forth.

The details of our products are given completely free of undertaking. Since their application lies outside our control, we cannot accept any liability for the results. User shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

PHYSICAL PROPERTIES	
Form	Pellet
Melt Index	19.2g/10mins. (Nominal) ASTM D1238, Cond.
Density	190/2.16 0.924g/cm3
Colour	Blue, Natural & Optional colors upon request
Recommended Extrusion Temperature	400°F to 430°F
Scent	Light Maple Scent

PROTECTS MULTI-METALS			
Carbon Steel	Iron	Aluminum	Stainless Steel
Tin	Non-Ferrous Metals can be customized		

SCREEN PACK RECOMMENDATION	
Screen Pack Size	40 Mesh



**Manufacturing Facility**  
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