



# PRODUCT INFORMATION

## VAPPRO 1000 MBR VCI Masterbatch

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



**VAPPRO 1000 MBR** is a VCI Masterbatch Additive 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** VCI Masterbatch Additive is used to produce VAPPRO 826 VCI Film.

**VAPPRO 1000 MBR** Masterbatch additive is specially formulated for corrosion protection of both ferrous and non-ferrous metals.

**VAPPRO 1000 MBR** is currently being used to produce VCI polyethylene bags, shrouds, tubing film, U-film and sheeting films. Depending on the resin carrier used, **VAPPRO 1000 MBR** can also be used in the production of VCI Blown Stretch Film, VCI Shrink Film, VCI Corrugated Plastic Containers, VCI Injection Molded Parts and VCI Foam etc. It has a broad spectrum of formulation applications.

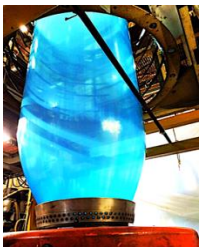
**VAPPRO 1000 MBR** is **100% NITRITE FREE**.

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** is a specialty value added additive that provides superior corrosion protection. It is safe and does not require any changes in the manufacturing process.

**VAPPRO VCI Films** produced with 6% of **VAPPRO 1000 MBR** 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 said mixture into the hopper of the extruder for extrusion into film. We recommend that only virgin P.E. resin should be used for production of VCI film. If necessary, modifications are made to provide for any additional properties needed such as UV, Anti-Static, etc.

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.

## TYPICAL PROPERTIES

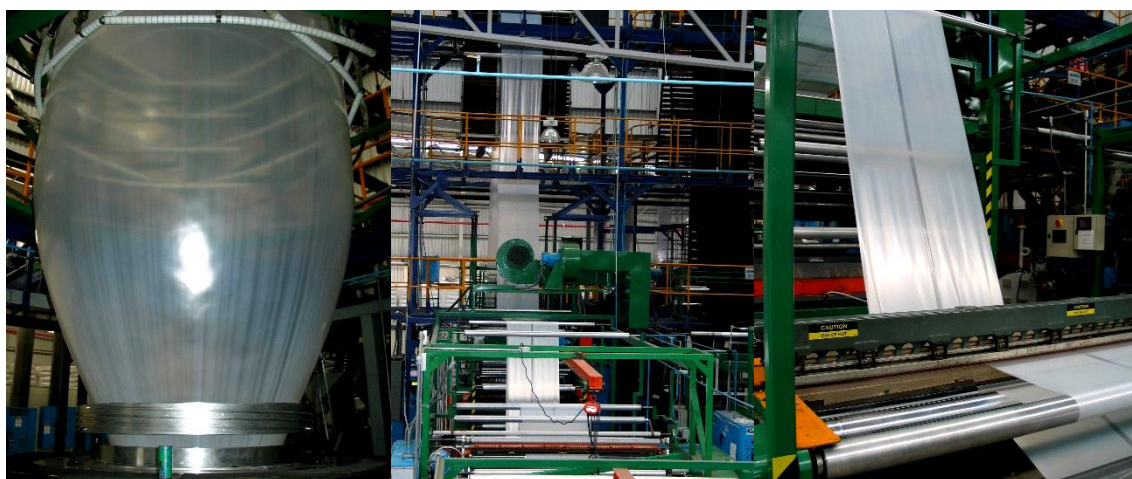
Form	Pellet
Melt Index	19.2g/10mins. (Nominal) ASTM D1238, Cond.
Density	190/2.16 0.924g/cm <sup>3</sup>
Colour	Blue, Natural & Optional colors upon request
Recommended Extrusion Temperature	400°F to 430°F
Active Material Loading	20 Percent
Scent	Light Maple Scent

## PROTECTS MULTI-METALS

Mild Steel	Iron	Aluminum	Steel
Tin	Non-Ferrous Metals can be customized		

## SCREEN PACK RECOMMENDATION

Screen Pack Size	40 Mesh
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