



VAPPRO VCI MASTERBATCH SERIES

VAPPRO VCI POWDER • RESINS • WATER-SOLUBLE • OIL-SOLUBLE • SOLVENT-SOLUBLE
Anti-corrosion products produced from Vapro masterbatch can be formulated to meet or conform to U.S. Military specification and its formulated finished products are listed on the NATO MCRL.

VAPPRO VCI-MBR 1100 LLDPE

VCI ADDITIVE RESIN

DESCRIPTION

Vapro VCI-MBR 1100 is a linear low-density polyethylene VCI additive resin. It contains a proprietary multi-metal corrosion protection chemical compound and is used as a masterbatch additive for the production of Vapro 826 V.C.I. Film.

Vapro VCI-MBR 1100 masterbatch additive when formulated with LDPE resin, will enhance constant corrosion protection for both ferrous and non-ferrous metals. It is currently being used for the production of VCI Stretch Film.

With the introduction of Vapro VCI-MBR 1100, VCI Stretch Film can be produced at a very competitive price anywhere in the world.

PRODUCTION PROCESS OF VCI FILM

By extrusion, single or twin screws extrusion machine. The mixing ratios is 3% - 5% by weight. By means of a rotating mixer, mix Vapro VCI-MBR 1100 masterbatch resin with the plastic resin for about 15 minutes.

Once it is thoroughly mixed, put the said mixture into the hopper of the extruder for extrusion into film.

We would like to recommend that virgin LLDPE resin should be used for trial production and if necessary, modifications are made to provide for any additional properties needed.

METALS PROTECTED

- Copper
- Brass
- Aluminum
- Carbon Steels
- Iron
- Tin
- Silver
- Nickel

TYPICAL PROPERTIES

Form	Melt Index
Pellet	19.2 grams/10mins(nominal)
Colour	ASTM D1238
Blue / Yellow / Green	Cand 190/2.16
Orange	
Odour	
Slight Ginseng	

APPLICATIONS

The standard masterbatch of Vapro VCI-MBR 1100 is supplied in pellet form along with yellow, blue, green and orange pigment.

The pellets are added to a film formulation at 3% - 6% by weight ratios.

The final VCI Stretch Film extruded will provide long term corrosion inhibiting properties, meeting and satisfying all industrial standards.

PACKAGING AVAILABLE

25kg paper drum



Magna

Magna International Pte Ltd

10H, Enterprise Road,
Singapore 629834.

Tel (65) 6786-2616

Fax (65) 6785-1497

Email info@magnachem.com.sg

info@vapprovci.com

Web http://www.vapprovci.com

Headquarters



Singapore

Regional Offices



Australia



Canada

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