



SHENYANG RUSTPROOF PACKAGING MATERIAL

沈阳防锈包装材料有限公司

在中国金属防护领域成为行业高质量发展的示范者
IN THE FIELD OF METAL RUST PROTECTION,
THE WORLD'S MOST COMPETITIVE TECHNOLOGY
SERVICE ENTERPRISES



PRODUCT DESCRIPTION

- Anti-rust masterbatch is the core material for the production of vapor-phase anti-rust plastic packaging products. Adding a small amount can give products unique Vapors Corrosion Inhibiting capabilities, and has a significant effect on preventing rust during the turnover, storage and transportation of metal products. Because anti-rust masterbatch is easy to use and has low technical requirements for equipment and process production, it has been widely used in processed products such as blow molding, casting, blister molding, and injection molding. This anti-rust masterbatch does not contain nitrite, with less smell, lower addition ratio, and less smoke during the production process, and the blown film products are uniform and translucent without affecting the physical properties. This product is used for blow molding products and should be added at 2% of the resin weight. It is recommended that the processing temperature be controlled at 150°C~165°C. If there are special resin materials that require high-temperature processes, the maximum film blowing temperature is 200°C, which can ensure the product's vapors rust prevention performance. However, as the processing temperature increases, a small amount of smoke and odor will be produced, which is normal. This product is suitable for special processing techniques of cast iron, steel, copper and copper alloys, aluminum and aluminum alloys. Please consult a technical engineer before using this product.

TECHNICAL DATA

ITEM	TECHNICAL DATA	TEST METHOD
Appearance	White to light yellow solid particles	Visual inspection
Gram quantity	30-60 grains/g	Counting method
Vapor corrosion inhibiting performance	level 0/1	GB/T16267

USAGE METHOD

- **Before using this product, you should wear corresponding labor protection supplies, such as gloves, masks, etc.**
- **Vapor phase anti-rust film production:**
Single-sided volatile film: 2% of the inner layer is added with anti-rust masterbatch for film blowing. The recommended film blowing temperature is 150~160°C, the maximum film blowing temperature is 200°C, the screw extrusion ratio is 2:1:1 or 3% of the inner layer is added. , the screw extrusion ratio is 1:1:1 for blow molding; double-sided volatile film: add anti-rust masterbatch according to 2% for film blowing, the recommended film blowing temperature is 150~160°C, the maximum film blowing temperature is 200°C for blow molding ;
- **Use of vapor phase corrosion inhibitors**
The anti-rust masterbatch can be packaged in non-woven fabrics, DuPont paper and other packaging materials and can be used directly as a vapor phase corrosion inhibitor.

STORAGE REQUIREMENTS

- The sealed and packaged vapor phase anti-rust masterbatch should be stored in a cool and dry warehouse. The storage environment requires a temperature below 65°C and a relative humidity below 85%. Open the package when using. During continuous use, it should also be stored in an airtight, self-sealing container. Without self-sealing packaging containers, exposure to air should not exceed 8 hours.

NOTE

- When using this product to process vapor phase anti-rust films, it is recommended to add 2% of the total resin weight; the film blowing temperature is controlled at 150°C~165°C, which can ensure low smoke and odor in the workshop during the film blowing process; this product has the highest The film blowing temperature is 200°C; when using this product, use it according to the first-in, first-out principle. Unused unopened products must be re-sealed to ensure the anti-rust performance of the product.

