

Shin-Etsu Silicone Master Pellets

X-22-2101, X-22-2125H, X-22-2138B, X-22-5006, X-22-2184-30

1 Features

Silicone master pellets are manufactured by evenly dispersing a high concentration of high molecular weight silicone gum in an organic resin. By blending these silicone master pellets directly with the resin pellets and then molding, it is easy to obtain a resin in which the silicone is evenly dispersed.

2 General properties

Item \ Product name	X-22-2101	X-22-2125H	X-22-2138B	X-22-5006	X-22-2184-30
Base resin	PP	LDPE	EVA	POM	ABS
Silicone content %	50	50	40	40	30
MFR g/10 min	33	20	5	45	45
MFR Test method	210°C/2.16 kg/A	190°C/2.16 kg/A	190°C/2.16 kg/A	190°C/2.16 kg/A	220°C/10 kg/A

(Not specified values)

3 Applications

- 1) PP resin modification
- 2) LDPE resin modification
- 3) EVA resin modification
- 4) POM resin modification
- 5) ABS resin modification

4 Instructions for use

Blending these master pellets with resins at a ratio of 0.1-5%.

5 Handling precaution

- 1) Avoid direct sunlight, and store in a cool and dry place.
- 2) Allow adequate ventilation when using.
- 3) Avoid contact with skin or a mucous membranes, and wear rubber gloves, masks or goggles for protection.
- 4) Be sure to read the Safety Data Sheets (SDS) for these products before use. SDS are available from the Shin-Etsu Silicone website. If the SDS is not listed on the website, please contact the sales department.

SDS download URL:

<https://www.shinetsusilicone-global.com/support/sdstds>

6 Packaging

X-22-2101, X-22-2125H, X-22-5006: 25 kg (paper bag)

X-22-2138B, X-22-2184-30: 20 kg (paper bag)

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- Users are solely responsible for making preliminary tests to determine the suitability of products for their intended use. Statements concerning possible or suggested uses made herein may not be relied upon, or be construed, as a guaranty of no patent infringement.
- For detailed information regarding safety, please refer to the Safety Data Sheet (SDS). Please download the SDS from our website. If the SDS is not listed on the website, please contact the sales department.
SDS download URL: <https://www.shinetsusilicone-global.com/support/sdstds/>
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