
One Part Neutral Cure Silicone Sealant

KLEBERMANN GM

KLEBERMANN GM is a one component silicone sealant which cures to a high modulus silicone rubber on exposure to atmospheric moisture at room temperature. This product is a neutral cure sealant. In addition to the unique features of silicone rubber such as superior high and low temperatures resistance, water resistance, and outstanding weatherability, **KLEBERMANN GM** also provides excellent adhesion to glass, metal and numerous construction materials.

KEY PERFORMANCE PROPERTIES

- ◆ One component, ready-to-use sealant
- ◆ Neutral cure
- ◆ Fast skinning and curing
- ◆ Maintains good flexibility
- ◆ Excellent adhesion to glass, most metals and plastics
- ◆ Available in 4 standard colors (Clear, White, Black, Gray)

APPLICATIONS

- ◆ General purpose sealant for sealing and caulking applications

TYPICAL PROPERTY DATA

UNCURED PROPERTIES		
Consistency		Paste
SLUMP (W=20mm)*1	mm	0
Tack-free time (23°C) *1	min	6
Curing time (t=5mm, 20°C/55%RH)	days	2
CURED PROPERTIES		
Appearance		Elastic Rubber
Hardness (Type A) *2		27
Tensile strength *2	MPa	1.8
Elongation *2	%	350
Peel strength *3	kN/m	2.9
UV resistance*3		Excellent

Test Method *1; JIS A 1439

*2; JIS K 6249

*3; ASTM C 794

Typical property data values should not be used as specifications.

APPLICATION INSTRUCTIONS

◆ SURFACE PREPARATION

Substrate surface should be thoroughly cleaned with a suitable solvent such as alcohol, xylene, or methyl ethyl ketone (MEK). Do not use soap, detergent or water. Wipe the surface dry. Sealant will not properly adhere to a wet substrate. For acrylic resin, n-hexane should be used in order to prevent solvent-cracking.

HANDLING AND SAFETY

- ◆ Wear eye protection when handling uncured sealant as it can irritate eyes. In case of eye contact, immediately flush eyes well with water and contact a physician.
- ◆ Adequate ventilation must be maintained in the work place at all times.
- ◆ Extended contact with the skin may cause irritation and should be avoided.
- ◆ Not for food contact use.

STORAGE

- ◆ Store in a cool, dry, dark place.
- ◆ Keep out of reach of children.
- ◆ Shelf life is 12 months from date of manufacture when stored in original, unopened cartridge below 25°C in a dry place.

COLORS

- ◆ Available in 4 standard colours: Transparent, White, Black, Light gray

FOR INDUSTRIAL USE ONLY It is the responsibility of the user to determine the suitability of any KLEBERMANN GM product for any intended application. NEVER USE ANY KLEBERMANN PRODUCT FOR IMPLANTATION OR INJECTION INTO THE HUMAN BODY. Typical property data values should not be used as specifications. Inasmuch as KLEBERMANN material LLC has no control over the use to which others may put the material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make his own tests to determine the suitability of the material for his own particular use. Statements concerning possible or suggested uses of the materials described herein are not to be construed as constituting a license under any KLEBERMANN material patent covering use or as recommendations for use of such materials in the infringement of any patent. Material Safety Data Sheets are available upon request from PT Moderatama Markindo. The contents of this catalog are subject to change without notice. No part of this data may be reproduced without the prior approval of PT Moderatama Markindo.



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