



Technical Data Sheet

SILASTIC™ DY 35-5088 Liquid Silicone Rubber

FEATURES

- Low viscosity

BENEFITS

- Good flowability
- Super glossy effect

Super glossy LSR for textile screen printing

APPLICATIONS

- Applied as top printing in textile screen printing to have super glossy effect

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications.

Properties	Unit	Result
Viscosity	Pa.s	
Part A		13
Part B		18
Density	g/cm ³	1.06
Hardness(JIS ¹ -TYPE A)	-	54
Tensile strength (Die-3)	MPa	7.4
Elongation	%	180

1. JIS: Japanese Industrial Standard

DESCRIPTION

SILASTIC™ DY 35-5088 Liquid Silicone Rubber is suitable for manual textile top printing to get crystal glossy effect.

HOW TO USE

The A and B components of SILASTIC DY 35-5088 Liquid Silicone Rubber should be mixed in a 1:1 ratio. The curing rate could be accelerated by adding additional 1~2% 9600 catalyst into the system based on different desire of the curing speed.

SILASTIC DY 35-5088 Liquid Silicone Rubber is only suitable for top printing. The last layer of base printing should not be over cured to avoid the peeling off between base printing and SILASTIC DY 35-5088.

Cure can be inhibited by contact with certain materials such as amines, sulfur and tin complexes. The effect on the printing is to prevent complete cure, with the result that the printing feels sticky. In some cases this can be recovered by further heating.

CLEANING

After printing, SILASTIC DY 35-5088 can be removed from equipment using a hydrocarbon-based solvent such as white spirit. Polar solvents are not suitable.

USABLE LIFE AND STORAGE

When stored at or below 32°C (95F) in the original unopened containers, this product has a usable life of 9 months from the date of production.

**HANDLING
PRECAUTIONS
PRODUCT SAFETY
INFORMATION REQUIRED FOR
SAFE USE IS NOT INCLUDED IN
THIS DOCUMENT. BEFORE
HANDLING, READ PRODUCT
AND SAFETY DATA SHEETS
AND CONTAINER LABELS FOR
SAFE USE, PHYSICAL AND
HEALTH HAZARD
INFORMATION. THE SAFETY
DATA SHEET IS AVAILABLE ON
THE DOW WEBSITE AT
WWW.CONSUMER.DOW.COM,
OR FROM YOUR DOW SALES
APPLICATION ENGINEER, OR
DISTRIBUTOR, OR BY CALLING
DOW CUSTOMER SERVICE.**

PACKAGING INFORMATION

This product is supplied in pails (18kg) and in drums (180kg).

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, www.consumer.dow.com or consult your local Dow representative.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because

conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

**TO THE FULLEST EXTENT
PERMITTED BY APPLICABLE
LAW, DOW SPECIFICALLY
DISCLAIMS ANY OTHER
EXPRESS OR IMPLIED
WARRANTY OF FITNESS FOR A
PARTICULAR PURPOSE OR
MERCHANTABILITY.**

**DOW DISCLAIMS LIABILITY
FOR ANY INCIDENTAL OR
CONSEQUENTIAL DAMAGES.**

www.consumer.dow.com



®Trademark of The Dow Chemical Company

UNRESTRICTED – May be shared with anyone
®™Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow
SILASTIC™ DY 35-5088 Liquid Silicone Rubber
© 2017 The Dow Chemical Company. All rights reserved.