



LOCTITE



Technical Data Sheet

LOCTITE STYCAST AC 5193

February 2020

PRODUCT DESCRIPTION

LOCTITE STYCAST AC 5193 provides the following product characteristics:

Technology	Solvent
Color	Black
Cure	Room temperature cure
Application	Encapsulation, Conformal coating

LOCTITE STYCAST AC 5193 color dispersion are finely ground pigments dispersed in a suitable resin vehicle. Color dispersions can be used individually with epoxy and urethane compounds or blended to produce different shades or colors.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Shelf Life @ 25°C (from date of manufacture), 730 days

Flash Point - See SDS

GENERAL INFORMATION

For safe handling information on this product, consult the Safety Data Sheet, (SDS).

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be used with chlorine or other strong oxidizing materials.

Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

HANDLING INFORMATION

- Up to 5 parts of weight of color dispersion may be added to any epoxy resin compound without changing the basic mixing ratio between the resin compound and the hardener.
- Up to 2 parts by weight of color dispersion may be added to urethane compounds without affecting the mixing ratio. When used with urethanes, add dispersions to base and hardener as they are being mixed. Storage of base or hardeners with dispersions added may cause a reaction and is not recommended.
- The average resin content of these dispersions is approximately 60%. Large additions of dispersions will have to take this into account.
- The resin vehicle of the dispersions may crystallize. The original liquid nature may be restored, by heating several hours at 60°C.

STORAGE:

Liquid Storage - Liquids should be stored at 25°C or below, in closed containers. If stored below 25°C, the material MUST be allowed to come to room temperature, in the sealed container, to avoid moisture contamination.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\text{N} \times 0.225 = \text{lb/F}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{psi} \times 145 = \text{N/mm}^2$
 $\text{MPa} = \text{N/mm}^2$
 $\text{N} \cdot \text{m} \times 8.851 = \text{lb} \cdot \text{in}$
 $\text{N} \cdot \text{m} \times 0.738 = \text{lb} \cdot \text{ft}$
 $\text{N} \cdot \text{mm} \times 0.142 = \text{oz} \cdot \text{in}$
 $\text{mPa} \cdot \text{s} = \text{cP}$

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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