

DAG 1050

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PRODUCT DESCRIPTION

DAG 1050 provides the following product characteristics:

27 to 1000 provided the following product characteristics:		
Technology	Processed Micro-Graphite	
Appearance	Black	
Product Benefits	Stable dispersion	
	High purity	
	Fine graphite particles	
	High coverage	
Application	Conductive coating	
Typical Applications	Manufacture of capacitors and batteries	

DAG 1050 material is an aqueous dispersion of high purity micro-graphite developed for various applications in the electrical industry.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Solids Content by Weight, %	45
Density, g/cm³	1.26
Viscosity, 20 rpm @ 20°C, mPa·s (cP)	155,000
Shelf Life @25°C, year	1
(from date of qualification in original seal)	
Freezing Point, °C	0
Flash Point - See SDS	

GENERAL INFORMATION

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

DIRECTIONS FOR USE

1. Do not freeze

2. Application

- Dip is the most common technique used for this product. Other applications are also possible, depending on the production process
- Stainless steel or reinforced plastic apparatus is recommended for use as this is a water-based product.

3. Mixing/Dilution

- DAG 1050 should be homogenised before use.
- Stlr in demineralized water into the product should dilution be required.
- Once diluted, DAG 1050 requires continuous agitation to ensure its homogeneity.
- Its pH is often maintained at 9 to 10 by means of ammonia addition.

4. Disposal

- Remove DAG 1050 from waste water by filtration.
- Although its constituents are not considered hazardous, the filter residue is likely to contain other contaminants and should be treated as chemical waste.

Spillages should be mopped up with absorbent material.

STORAGE:

Store product in the unopened container in a cool dry well ventilated area. Storage information may be indicated on the product container labeling.

Optimal Storage: 25°C. Storage below 25°C or greater than 25°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Empty containers may retain hazardous properties.

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.

Conversions

(°C x 1.8) + 32 = °F kV/mm x 25.4 = V/mil mm / 25.4 = inches N x 0.225 = lb N/mm x 5.71 = lb/in psi x 145 = N/mm² MPa = N/mm² N·m x 8.851 = lb·in N·m x 0.738 = lb·ft N·m x 0.142 = oz·in mPa·s = 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.

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