Lubrizol

HOME CARE **PRODUCT DATA SHEET**

Carbopol® 690 polymer

Industry standard rheology modifier for chlorine bleach household and industrial formulations

Carbopol® 690 polymer is a highly crosslinked polyacrylic acid polymer powder polymerized in a toxicologically-preferred cosolvent system. It has short flow characteristics and relatively high viscosity performance. It is recommended for use in automatic dish care, hard surface cleaners, home care cleaning systems, and other common industrial systems. It has good viscosity stability in the presence of chlorine bleach and good efficacy in high pH systems.

APPLICATIONS

- Bleaches (Cleansers)
- Chlorine Gels (Auto Dish)
- Enzyme Gels (Auto Dish)
- Kitchen and Oven Cleaners (Cleansers)
- Liquid Detergents (Laundry Detergent)
- Multipurpose (Cleansers)
- Pet Care
- Scouring Creams (Cleansers)

FEATURES AND BENEFITS

- Excellent stability in oxidizing systems such as those containing chlorine bleach or peroxides
- High efficiency thickening for very cost-effective formulations
- Improved vertical cling which minimizes dripping and increases surface contact time
- Shear-thinning rheology suitable for non-aerosol sprayable or pumpable product formulations
- Suspension and stabilization of insoluble materials and particulates

PHYSICAL DESCRIPTION AND USE

- **Color/Appearance:** White
- **Form:** Powder
- **Odor:** Slight Acetic

SPECIFICATIONS

Product Specification	UOM	Minimum	Maximum	Test Frequency	Test Procedure
LOSS ON DRYING	%		3	Test One in Ten	SA-004
BROOKFIELD VIS, 0.5% MUCILAGE @ 25 C	cP	40000	65000	Each Lot	430-I

Lubrizol Advanced Materials, Inc. / 9911 Brecksville Road, Cleveland, Ohio 44141-3247 / TEL: 800.379.5389 or 216.447.5000

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For further information, please visit: www.lubrizol.com/home-care

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MANUFACTURING LOCATION(S), STORAGE AND HANDLING

Manufactured in the following location(s):

- Calvert City, Kentucky (USA)
- Kallo, Oost-Vlaanderen (Belgium)

Packaging:

- Super Sack
- Carton

Note that slight difference in volume and weight may occur between geographic regions based on packaging availability.

Recommended Retest Period

Recommended retest period is 730 days from the date of manufacture.

Storage and Handling

Store in a dry, well-ventilated place. Keep containers closed when not in use. Consult the Safety Data Sheet (SDS) for additional pertinent information.

REGULATORY STATUS

Carbopol® 690 polymer is widely registered on chemical inventories across the globe. For specific status, please consult the most recent Safety Data Sheet or contact your local Lubrizol representative.

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