



Duracet 12 DB

PRODUCT DESCRIPTION

Duracet 12 DB is a relatively high molecular weight adhesive. This product is designed to meet the requirements needed for heat sealing and laminating greaseproof papers for the assembly of microwave popcorn bags. Characteristics of this product include low foaming, resistance to vegetable oils and compatibility with many dyes. Duracet 12 DB can be diluted with water.

This adhesive is approved for direct food contact.

PHYSICAL PROPERTIES

Polymer Type:	Vinyl Acetate	Freeze/Thaw Stability:	No
Protective System:	Polyvinyl Alcohol	Weight per Gallon (lbs):	9.1
Viscosity (cps):	700 to 1200 (#3/30/77 °F LVF)	Borax Compatible:	No
Percent Solids:	55.5% - 58.0%	Mechanical Stability:	Excellent
pH:	4.0 – 5.0	Color:	White
		Tg:	39 °C (DSC)

ADDITIONAL INFORMATION

FILM PROPERTIES

Dry films of Duracet 12 DB are hard, with a glossy, translucent appearance. Plasticizer resistance is good.

COMPOUNDING INFORMATION

Duracet 12 DB conforms compositionally with FDA Regulation 175.105 and 176.170 (b).

STORAGE AND HANDLING

Shelf Life: 9 months at 70°F. Store in closed containers

The data provided in this Technical Data Sheet represents typical physical and/or performance values for the product under a given set of testing conditions. The ranges or values are not specifications. Specifications will be set based on statistical analysis of measurements made by the Quality Control Laboratory on production material and will accurately reflect production capabilities. This data should be used as a guide for product selection only.

Important Notice to Purchaser: Our recommendations, if any, for use of this product are based on tests believed to be reliable. The greatest care is exercised in the selection of our materials and in our manufacturing operations. However, we make no recommendation to use this product in any manner which conflicts with existing laws and/or patents and WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS PRODUCT OR ITS USE, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, THE MANUFACTURER IS NOT LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES OF ANY KIND. Revised 07/16/08.

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