



# Duracet 682

## PRODUCT DESCRIPTION

**Duracet 682** is a self-reactive polyvinyl acetate emulsion. Due to its crosslinking capability, **Duracet 682** forms stiffer, more insoluble films than conventional polyvinyl acetates. It is suggested as a binder in applications, such as SMC sizings, where stiffness is needed. **Duracet 682** has a very consistent and stable particle size distribution, which allows good control of the pickup rates on fiberglass, resulting in uniform LOI's.

## PHYSICAL PROPERTIES

**Viscosity:** 4500 to 9500cps (Brookfield #3/12/77°F)

**Solids:** 50% - 54%

**pH:** 4.0 to 5.0

**Weight per Gallon:** 9.1 lbs.

**Particle Size:** 1.300 – 2.300 microns,  
Coulter LS230 (Vol. %)

**Tg:** ~40°C

## ADDITIONAL INFORMATION

**Shelf Life:** 6 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

© Copyright 2003. All rights reserved. Franklin International.