

## GENERAL PRODUCT DESCRIPTION

Capa<sup>®</sup> 2803 is a standard grade linear polyester diol derived from caprolactone monomer and it is terminated by primary hydroxyl groups. It has a molecular weight of 8000 and a typical OH value of 14 mg KOH/g.

The product has been specially developed as an intermediate for the production of polyurethane adhesives. It is recommended for applications where short open times and outstanding green strength is required. Polyurethane adhesives based on Capa<sup>®</sup> 2803 are particularly useful with PVC substrates.

## TYPICAL PROPERTIES

Physical Form	White waxy solid
Mean Molecular Weight	8000
Melting Point	55°C - 60°C
Hydroxyl Value	14 mg KOH/g
Acid Value	<0.25 mg KOH/g
Water Content	<0.02%
Viscosity at 80 °C	8600 mPa.s

## DENSITIES

The typical specific gravity (SG) of the material, measured at 55°C c.f. water at 20°C, is 1.070.

## SOLUBILITY PARAMETERS

The solubility parameter ( $\delta$ ) is 9.34 – 9.43 (cal/cm<sup>3</sup>)<sup>1/2</sup>.

## HANDLING AND STORAGE

Capa<sup>®</sup> 2803 is supplied in 200 kg net lacquered mild steel drums. It should continue to be stored in air-tight containers to prevent moisture pick-up from the atmosphere.

For further information please contact:

Perstorp UK Limited  
Baronet Road  
Warrington, Cheshire WA4 6HA  
United Kingdom  
Tel. +44 (0)1925 643500  
Fax. +44 (0)1925 232207  
[contact.capa@perstorp.com](mailto:contact.capa@perstorp.com)  
[www.perstorpcaprolactones.com](http://www.perstorpcaprolactones.com)

Perstorp Specialty Chemicals AB  
SE-284 80 Perstorp,  
Sweden  
Tel. +46 435 38000  
Fax +46 435 37067  
[technical.support@perstorp.com](mailto:technical.support@perstorp.com)  
[www.perstorp.com](http://www.perstorp.com)