

## GENERAL PRODUCT DESCRIPTION

Capa<sup>®</sup> 6500C is a premium grade high molecular weight linear polyester derived from caprolactone monomer. It has a molecular weight of 50,000, is supplied in granular form and has a higher clarity in the melt phase than standard Capa<sup>®</sup> thermoplastics. It is compatible with a wide range of common thermoplastics, and soluble in several common solvents.

## TYPICAL PROPERTIES

<b>Physical Form</b>	<b>Approx 3mm pellets</b>
<b>Mean Molecular Weight</b>	<b>50,000</b>
<b>Melting Point</b>	<b>58°C – 60°C</b>
<b>Water Content</b>	<b>&lt;1.0%</b>
<b>Colour of 30% m/m Solution (Hazen)</b>	<b>&lt;75</b>
<b>Elongation at Break</b>	<b>800%</b>
<b>Appearance in Melt at 60°C</b>	<b>Clear</b>
<b>Melt Flow Index</b>	<b>7 g/10 min. with 2.16 kg, 1" PVC die at 160°C</b>

## 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> 6500C is supplied in quantities of 20 kg net packed in paper sacks on pallets of 1000 kg. Bulk quantities can be supplied in 500 kg bags.

Capa<sup>®</sup> 6500C should be stored in a dry place away from sources of heat.

For further information please contact:

Perstorp UK Limited  
Baronet Road  
Warrington, Cheshire WA4 6HA  
United Kingdom  
Tel. +44 (0)1925 643210  
Fax. +44 (0)1925 232207  
[contact.capa@perstorp.com](mailto:contact.capa@perstorp.com)  
[www.caprolactones.com](http://www.caprolactones.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)