

## GENERAL PRODUCT DESCRIPTION

Capa<sup>®</sup> 6506 is a high molecular weight linear polyester derived from caprolactone monomer. It has a molecular weight of 50,000 and is chemically identical to Capa<sup>®</sup> 6500 but is supplied in powder form. The particle size is 98% <600 microns. It is compatible with a wide range of common thermoplastics, and is soluble in several common solvents, such as aromatic hydrocarbons, halocarbons and some ketones.

## TYPICAL PROPERTIES

Physical Form	Powder
Average Molecular Weight	50,000
Melting Point	58 °C - 60 °C
Water Content	Less than 1%
Colour of 30% m/m Solution (Hazen)	<100

## PARTICLE SIZE DISTRIBUTION

Less than 600 μ	98%
Less than 425 μ	85%
Less than 300 μ	60%
Less than 200 μ	40%
Less than 100 μ	10%

## 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> 6506 is supplied in 25 kg net paper sacks, or in 'big bags' of 500 kg net. It should be stored in a dry place, away from sources of heat.

For further information please contact:

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