

GENERAL PRODUCT DESCRIPTION

Capa[®] 6806 is a high molecular weight linear polyester derived from caprolactone monomer. It has a molecular weight of 80,000 and is chemically identical to Capa[®] 6800 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	80,000
Melting Point	58°C - 60°C
Water Content	Less than 1%
Colour of 30% m/m Solution (Hazen)	<150

PARTICLE SIZE DISTRIBUTION

Less than 700 μ	0.1%
Less than 600 μ	98%

SOLUBILITY PARAMETERS

The solubility parameter (δ) is 9.34 – 9.43 (cal/cm³)^{1/2}.

HANDLING AND STORAGE

Capa[®] 6806 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:

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
www.perstorpcaprolactones.com

Perstorp Specialty Chemicals AB
SE-284 80 Perstorp,
Sweden
Tel. +46 435 38000
Fax +46 435 37067
technical.support@perstorp.com
www.perstorp.com