

Capa™ 6800



Description

- Capa™ 6800 is a high molecular weight linear polyester derived from caprolactone monomer.
- Supplied in granular form, approx. 3 mm pellets.

Applications

- Capa™ 6800 is used in a variety of adhesive applications.
- Compatible with a wide range of common thermoplastics and soluble in several common solvents.

Delivery forms

- Bulk bag in a box
- Bulk in 1000 kg bags
- Bulk in 500 kg bags
- 20 kg net paper sacks on 1000 kg pallets
- 20 kg net paper sacks

Manufacturing Process

- Capa™ 6800 is a high molecular weight thermoplastic. Due to the nature of the manufacturing process, a small amount of highly viscous material can occasionally be produced which can be observed as small inclusions in sheets during further processing.
- Perstorp always strives to minimize the formation of these small inclusions, although it cannot be guaranteed.

Sales Specification

Melt flow index, g/10 min ¹	4.03-2.01*
Water content, % ²	Max. 0.35
Colour, Hazen ³	Max. 75

* Melt flow index is tested with 5 kg, 1" PVC die at 160°C

Typical properties

Mean molecular weight	80 000
Melting point, °C	58-60
Elongation at break, %	800

Solubility parameters

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

Storage

Undisturbed packaging as delivered until shortly before use. Storage area should be covered and protected from higher than ambient temperatures at all times.

Analytical method

¹ WC600/SV, ² WC600/W/MA40, ³ WC600C

Analytical methods available on request

CAS no.: 24980-41-4

HS No.: 3907 99

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