Capa® 6500

Capa 6500
CAS Registry Number: 24980-41-4

Revised: 09/15/2020

Description

Capa 6500 is a high molecular weight thermoplastic linear polyester derived from caprolactone monomer. Supplied in Granular form, approximately 3 mm pellets.

Applications

Capa 6500 is used in a variety of adhesive applications. It is compatible with a wide range of common thermoplastics and soluble in several common solvents.

Storage

Ingevity recommends storing Capa Thermoplastics in their unopened and undamaged original packaging. The material must be stored at ambient temperature, in an area protected from direct sunlight and the elements. The maximum storage temperature for these products has not been determined, but when stored as recommended, temperatures up to 35°C should present no problems.

Specifications*

Melt flow index, g/10 min [1]	7.90-5.90***
Water content, % [2]	Max 0.35
Colour, Hazen [3]	Max 75

Analytical method
[1] 10635, [2] 10668, [3] 10638
Analytical methods available on request

Typical Properties**

Mean molecular weight	50,000
Melting point, °C (°F)	58-60 (136.40-140)
Elongation at break, %	800
Solubility parameter, $(cal/cm^3)^{½}$	9.34-9.43

Packaging

Bulk	Bag in a box 1102 lb (500kg) bags 2204 lb (1000 kg) bags
Net plastic sacks on 1000kg pallets	44 lbs (20 kg)

*Specifications and typical property data as produced using Ingevity procedures.

**Typical properties are for general information and are not to be construed as purchase specifications.

*** Melt flow index is tested with 2.16 kg, 1" PVC die at 160°C

Safety: Always refer to the Safety Data Sheet for detailed information on safety. Contact us for SDS information.

Important: The information provided herein is believed to be accurate and reliable, but is presented without guarantee on the part of Ingevity. Furthermore, nothing contained herein shall be taken as an inducement to violate any patent rights.

For more information, contact us.

Shenzhen Chuangxin Plastic Technology Co., Ltd.

Tel: +86 18676057437 Email: xl1797110736@163.com

https://www.cxinplas.com

Ingevity
5255 Virginia Ave.
North Charleston, SC 29406
800 458 4034
ingevity.com