



## Specification of the material

**Name:** SophoMer™ F10

### Catalogue numbers / packaging size

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<b>Cat No: F10 0100</b>	100 g net weight (MOQ)
<b>Cat No: F10 0250</b>	250 g net weight
<b>Cat No: F10 1000</b>	1 000 g net weight
<b>Cat No: F10 CST_spec</b>	customer specified net weight

### Characteristics of the material

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<b>Type of material:</b>	Water-soluble copolymer
<b>Appearance :</b>	White to Light Yellow powder

#### Solubility

<b>Water:</b>	~ 100 g/L
<b>Ethanol:</b>	> 100 g/L
<b>Average molecular weight (SEC):</b>	30 -50 kg/mol
<b>Water content (TGA):</b>	≤ 5 % w (slightly hygroscopic, keep closed)
<b>Residual solvents (GC-MS):</b>	≤ 1.5 % w
<b>Nonspecific Binding (NSB) blocking test (ELISA based):</b>	Pass

### Packaging, storage and transport conditions

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<b>Packaging:</b>	HDPE bottles
<b>Storage conditions:</b>	2-8°C in closed original packaging
<b>Transport conditions:</b>	Ambient
<b>Expiration period:</b>	24 months recommended Retest period