



## Specification of the material

**Name:** SophoMer™ F10

### Catalogue numbers / packaging size

---

|                             |                               |
|-----------------------------|-------------------------------|
| <b>Cat No: F10 0010</b>     | 10 g net weight (MOQ)         |
| <b>Cat No: F10 0100</b>     | 100 g net weight              |
| <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

---

**Type of material:** Water-soluble copolymer

**Appearance :** White to Light Yellow powder

#### Solubility

**Water:** ~ 100 g/L

**Ethanol:** > 100 g/L

**Average molecular weight (SEC):** 30 -50 kg/mol

**Water content (TGA):** ≤ 5 % w (slightly hygroscopic, keep closed)

**Residual solvents (GC-MS):** ≤ 1.5 % w

**Nonspecific Binding (NSB) blocking test (ELISA based):** Pass

### Packaging, storage and transport conditions

---

**Packaging:** HDPE bottles

**Storage conditions:** 2-8°C in closed original packaging

**Transport conditions:** Ambient

**Expiration period:** 24 months recommended retest period