

1. Product Profile

SN Flux® 518 is polycarboxylic ether, which is specifically designed for formulation strong slump retention with high water reducing admixtures.

SN Flux® 518 is available in bulk and 1,100 kg IBCs.

2. Uses

SN Flux® 518 is suitable for formulation of strong slump retention and high range water reducers/superplasticizers where higher ultimate strength needed. **SN Flux® 518** is suitable for pumpable concrete with low cost. It provides high efficiency at low dosage to formulate superplasticizer for self-compacting concrete, precast and ready-mix applications with high water reduction ability with high slump retention.

3. Safety

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. Required safety measures must be observed during the application of the material and the applicators must use protective clothing, gloves and goggles. Emptied packages must be handled in compliance with relevant regulations and laws.

4. Storage

The material must be kept in dry indoor storage. Recommended storage temperature is 10-30°C. Stored in these conditions, the shelf life is 12 months. Low temperatures may lead to crystallization of the product. Such products can be used after heating and homogenization. High temperature storage may cause discoloration. Do not allow product to freeze.

Polycarboxylate Copolymer

Highlights

- 50% Aqueous polycarboxylic ether
- Enhanced slump retention
- Higher ultimate strength
- Medium-high water reduction
- Enhanced bleed stability
- Low air entrainment

5. Company Liability

The information contained in this document is based on site experience of and laboratory tests done by **Stenkim®** and meant to give general information. It is the purchaser's responsibility to ensure applicability of products to their use. All **Stenkim®** products are available in specified quality and conditions. The company accepts no liability whatsoever unless the transportation, storage, application conditions and customer use are overseen by **Stenkim®**.

Stenkim® reserves the right to update all information contained in this document without notice.

6. Technical Data

Property	Result
Appearance - Color	Transparent, amber to yellow
Odor	Characteristic
Chemical Structure	Polycarboxylic ether polymer solution in water
Density	$1.11 \pm 0.05 \text{ g/cm}^3$
pH	6.1 ± 1.00
Solid Content	$50\% \pm 1$
Viscosity	$450 \pm 80 \text{ cP}$
Use	High slump retention, High ultimate strength

Stenkim® reserves the right to make changes in the values in this table at any time.