# SN Flux® 505

## 1. Product Profile

SN Flux® 505 is our advanced polycarboxylic ether, which is designed for high range water reducing admixtures especially for low water/cement (w/c) ratio.

SN Flux® 505 is available in 200 kg drums and 1,000 kg IBCs.

**Polycarboxylate Copolymer**

## Highlights

- 48% polycarboxylic ether
- Suitable for high range water reducing, superplasticising admixture production for low w/c ratio
- Enables formulation stability
- Enhanced efficieny for water reduction
- High alkali tolerance

## 2. Uses

SN Flux® 505 is suitable for formulation of high range water reducers / superplasticizers especially for concrete with low w/c ratio. SN Flux® 505 has enhanced water reduction abilities and high alkali tolerance. SN Flux® 505 provides high efficiency at low dosage to formulate superplasticizer for self-compacting concrete, precast and ready-mix applications with high water reduction ability and high early strength.

## 4. Safety

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. Emptied packages must be handled in compliance with relevant regulations and laws.

## 5. 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.

## 6. 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.

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## 7. Technical Data

| Properties | Results |
|---|---|
| Appearance - Color | Transparent, amber to yellow |
| Odor | Characteristic |
| Chemical Structure | Polycarboxylic polymer solution in water |
| Density | 1.09 ± 0.01 g/cm3 |
| pH | 6.2 ± 1.00 |
| Solid Content | 48% ± 1 |
| Viscosity | 430 ± 50 cP |
| Use | High water reduction, High alkali tolerance |

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

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