

Technical Data Sheet

R FLO W555

Polycarboxylate Ether for Concrete Admixtures

R FLO W555 is a common water reducer , high-performance aqueous dispersant designed for use in concrete applications.

R FLO W555 is a key component for formulating concrete admixtures.

R FLO W555 provides fluidity to concrete formulations at substantially reduced water content. Benefits include increased productivity, lower costs and improved concrete properties. It has been specifically designed for Ready Mix Concrete.

TYPICAL ANALYSIS

Nature: Aq. Solution of Polycarboxylate Ether

Appearance (20°C): Clear to Slight Yellow Solution

Solids content (%) : 50.0 %
pH (20°C) : 5.0 - 6.0

Specific gravity (20°C) : 1.1
Viscosity (cps) : 300 - 450
Chloride content (%) : < 0.01
Alkali content (Na₂Oeq): <0.3

ADVANTAGES

R FLO W555

- Powerful Water Reduction Performance
- Excellent Concrete Fluidity
- Low Stickiness in Concrete
- High Compressive Strength by Low W/C Ratio
- Cost Effective through High Workability
- Compatible with All PC Products
- Water Reduction Upto 30% to 35%

Primary Applications

- High Performance Concrete
- Flowable Concrete with High Slump
- General Ready-Mix Concrete
- Low W/C Ratio Concrete
- Self-Compacting Concrete
- Applicable for Pre-Cast Concrete

R FLO W555 has been specifically designed for high range water reducing admixtures.

R FLO W555 is fully compatible with the major additives used in concrete admixtures.

R FLO W555 can present colour variations from light yellow to slightly brown. These variations can occur in normal storage conditions. They have no influence on the product performances.

R FLO W555 should be protected from the effects of weathering and stored between 5 and 40°C. In these conditions, products should be used within 12 months after delivery.

STORAGE:

STANDARD PACKAGING :

- 230 kg HDPE Drums
- IBC Containers