

INDOLIGA ICP – 157

High Range Water Reducing Polycarboxylate

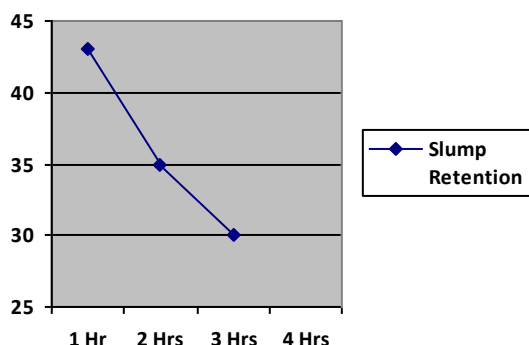
PRODUCT DESCRIPTION

INDOLIGA ICP – 157 is differentiated from conventional superplasticisers in that it is based on a unique carboxylate polymer with long lateral chains. This greatly improves cement dispersion.

INDOLIGA ICP – 157 combines the properties of High Range water reduction and workability. It allows the production of high performance concrete and/or concrete with high workability.

INDOLIGA ICP – 157 is a particularly strong superplasticiser allowing production of consistent concrete properties around the required dosage.

Disclaimer : Results may vary upon Trials



Water Reduction Vs Retention

USES

INDOLIGA ICP – 157 is a high performance superplasticiser intended for applications where increased early and ultimate compressive strengths are required, and it has been developed for use in:

- * Self compacting concrete
- * Pumped concrete
- * Concrete requiring long workability retention
- * High performance concrete
- * Pre-cast concrete

ADVANTAGES

- * Increased early and ultimate compressive strengths
- * Increased flexural strength
- * Higher E modulus
- * Improved adhesion to reinforcing and stressing steel

- * Better resistance to carbonation
- * Lower permeability
- * Better resistance to aggressive atmospheric conditions
- * Reduced shrinkage and creep
- * Increased durability

PROPERTIES

Appearance : Clear Yellow to Reddish brown colored liquid

pH : 6 ± 1

Specific gravity: 1.10 ± 0.05

Solid Content : $50\% \pm 1.0$

Chloride content: Nil

STORAGE

INDOLIGA ICP-157 has a minimum shelf life of 12 months provided the temperature is kept within the range of 2°C to 50°C. Should the temperature of the product fall outside this range then contact us for advice

PACKAGING

- **INDOLIGA ICP – 157** is available in 225 KG drums
- Bulk supply – Road Tankers Domestic Supply.
- ISO containers / Flexi Pack, HDPE Drums, IBC Containers for Export Supply

HEALTH AND SAFETY

INDOLIGA ICP-157 does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes.

Suitable protective gloves and goggles should be worn.

Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - **do not** induce vomiting.

For further information consult the Material Safety Data Sheet available for this product.

TECHNICAL SUPPORT

The technical department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

Contact Us : enquiry@lrc-india.com