Product Data Sheet - CM727

DESCRIPTION

- Polycarboxylate superplasticizer
- High range water reducing and retardation concrete
- Comply with ASTM C494-Type G
- Comply with BS EN 934-Part 2

BRIEF INTRODUCTION

- CM727 is liquid product composed of polycarboxylate and several surface active substances
- General using in ready mix and precast concrete
- Moderate dosage range by weight is 0.6% ~ 1.8% of total weight cementitous
- Total cementitious weight = OPC + Pozzolanic material (as PFA, GGBS, Silicafume, etc.)
- Shelf life has 1 year

USE IN STRUCTURE

- General structure and marine structure
 - High rising building
 - Vertical sliding form

USE IN CONCRETE

- General concrete and high strength concrete
- Power float concrete and short crete concrete
- Post tension prestress concrete
- High performance concrete
 - RCPT test below 1000 Coulomb
 - WPT test below 10mm

MAIN FUNCTION / ADVANTAGES

- 1.Enhance concrete strength
 - Moderate water cement ratio Minimum W/C = $0.3 \rightarrow 0.55$ range
 - Suitable strength range C70,C60,.....C35,C30
- 2. Improving pumping and placing workability
 - Concrete product has less sticky performance
- Suitable slump range : S2(N) grade, S3 (P & T₁) Grade S4 (T₂ & T₃) Grade, S5 (SCC)
- 3. Reducing concrete shrinkage cracks and cold joint
 - Prolong initial setting time (1.5 hours to 3 hours)
- Moderate enlarge slump to reduce extra water in pumping work
- 4.ESG (Environmental, Social, and Governance) application to reduce carbon emissions
 - Use higher pozzolanic material concrete (as PFA, GGBS, etc.)

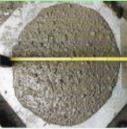




S4 - 185 +/- 25 mm

S5 - ≥ 220 mm





PRODUCT INFORMATION

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Packaging	210kg drum1100kg IBC tank20 feet container (21 tonnes)	4	Assessed A
Appearance	Light brown liquid	Mary James Control	Victoria de la constanta de la
Specific Gravity	■ 1.05 +/- 0.03g/cm3		
Solid Ingredient Content	■ 20 +/- 3%		7
PH Value	• 4.5 +/- 1		
Storage condition	Store under roof cover, protected from direct sunlight		

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