



شركة اسمنت الإتحاد نورسم (ش.ذ.م.م.) UNION CEMENT NORCEM CO. LTD. (L.L.C.)

C.R. No.: 3538

رأس المال المصرح به والمدفوع ٢,٥٠٠,٠٠٠ درهم
Paid up share capital Dirhams 2500,000

سجل تجاري رقم : ٣٥٣٨

PRODUCT TECHNICAL DATA SHEET

PRODUCT

Oil Well Cement - CLASS G (HSR) .

PRODUCT STANDARD

API Spec. 10A

PRODUCER

Union Cement Norcem Co. (L.L.C.)

U.A.E , Ras Al Khaimah , P. O. Box 170

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CONTACT PERSON

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Quality Assurance Manager

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PRODUCT DESCRIPTION

This product is type G cement, in accordance with API 10A Specification. It is based on a special designed sulphate resisting cement clinker and natural gypsum.

PHYSICAL PROPERTIES

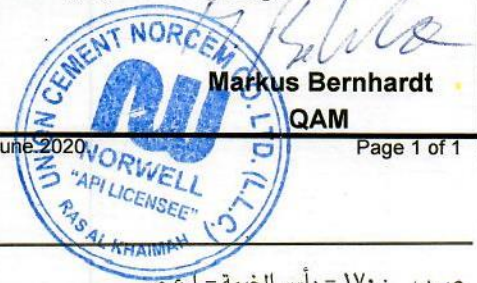
Description and Parameters	Unit	Typical value	API Spec. 10A
Blaine	m ² /kg	330	-
Free Fluid	%	4.0	5.9 MAX.
Compressive Strength at 60 °C at 8 hours	PSI	2000	1500 MIN.
Compressive Strength at 38 °C at 8 hours	PSI	700	300 MIN.
Max. Consistency 0-30 min.stirring period	BC	20	30 MAX.
Thickening time - Schedule 5	Minutes	95	90 - 120

CHEMICAL PROPERTIES

Description and Parameters	Unit	Typical value	API Spec. 10A
Magnesium Oxide (MgO)	%	1.45	6.0 MAX.
Sulfur Trioxide (SO3)	%	2.00	3.0 MAX.
Loss On Ignition	%	1.00	3.0 MAX.
Insoluble Residue	%	0.32	0.75 MAX.
Tricalcium Silicate (C3S)	%	61.0	48 - 65
Tricalcium Aluminate (C3A)	%	0.5	3.0 MAX.
C4AF + 2C3A	%	18.5	24 MAX.
Sodium Oxide Equivalent	%	0.45	0.75 MAX.

DELIVERY

Packed in bulk, 1500 Kg (3306.9 lb) Big-Bags or 50 kg (110.2 lb) bags



UCC/QC /D/052

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