



شركة أسمنت الإتحاد (ش.م.خ.)

UNION CEMENT COMPANY (Pr.J.S.C)

PRODUCT TECHNICAL DATA SHEET

PRODUCT Oil Well Cement - CLASS G (HSR) .
PRODUCT STANDARD API Spec. 10A
PRODUCER Union Cement Company Pr.J.S.C.
U.A.E , Ras Al Khaimah , P. O. Box 170
Tel. +00971 7 2668166/2668140
Fax +00971 7 2668635/2668313
Email: esra.topaloglu@uccrak.com
Website: www.uccrak.com

CONTACT PERSON Esra TOPALOGLU
Quality Assurance Manager
Office number : 0097172028287, Mobile number : 00971506270347

PRODUCT DESCRIPTION This product is Class G HSR 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	335	-
Free Fluid	%	4.0	5.9 MAX.
Compressive Strength at 60 °C at 8 hours	PSI	2100	1500 MIN.
Compressive Strength at 38 °C at 8 hours	PSI	700	300 MIN.
Max. Consistency 0-30 min.stirring period	BC	20.0	30 MAX.
Thickening time - Schedule 5	Minutes	95	90 - 120

CHEMICAL PROPERTIES

Description and Parameters	Unit	Typical value	API Spec. 10A
Magnesium Oxide (MgO)	%	1.35	6.0 MAX.
Sulfur Trioxide (SO3)	%	2.20	3.0 MAX.
Loss On Ignition	%	1.25	3.0 MAX.
Insoluble Residue	%	0.30	0.75 MAX.
Tricalcium Silicate (C3S)	%	63.0	48 - 65
Tricalcium Aluminate (C3A)	%	0.30	3.0 MAX.
C4AF + 2C3A	%	18.5	24 MAX.
Sodium Oxide Equivalent	%	0.50	0.75 MAX.

DELIVERY

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

