

## PRODUCT TECHNICAL DATA SHEET

**Product** **OIL WELL CEMENT CLASS H TYPE HSR**  
**Standard** API SPEC 10A  
**Producer** Nuh Çimento Sanayi A.Ş.  
 Hacı Akif Mahallesi D100 Karayolu Caddesi No:92 Hereke 41800 Körfez-KOCAELİ  
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**Product Description** Type H cement is the product obtained by grinding portland cement clinker with one or more types of calcium sulfates with portland cement clinker.  
 No additives can be used during production of Type H oil well cement except clinker and calcium sulfate  
 This type of cement is aimed to be used as oil well cement basically.  
 Type H Oil Well Cement has high sulfate-resistant (HSR) and moderate sulfate-resistant (MSR) grades.  
 In Nuh Cement only HSR grade is produced.

<b>Physical Properties</b>	Nuh Çimento	Standard	Unit
Compressive strength after 8 hours curing at 38 °C at atmospheric pressure	5,2	min.2.1	MPa
Compressive strength after 8 hours curing at 60 °C at atmospheric pressure	14,0	min.10.3	MPa
Free fluid content	4,8	max.5.9	%
Maximum consistency (15 min. to 30 min.)	18	max.30	Bc
Thickening time (100 Bc)	100	90 - 120	minute

<b>Chemical Properties</b>	Nuh Çimento	Standard	Unit
SO <sub>3</sub>	2,55	max.3.0	%
MgO	1,32	max.6.0	%
Loss on Ignition	0,95	max.3.0	%
Insoluble Residue	0,33	max.0.75	%
Tricalcium silicate (C <sub>3</sub> S)	56,78	48.0 - 65.0	%
Tricalcium aluminate (C <sub>3</sub> A)	1,75	max.3.0	%
Tetracalcium aluminoferrite (C <sub>4</sub> AF) + 2 x [Tricalcium aluminate (C <sub>3</sub> A)]	19,10	max.24.0	%
Alkali Equivalent Na <sub>2</sub> O + 0.658 K <sub>2</sub> O	0,48	max.0.75	%

**Delivery** Sold in bulk or 1500 kg bigbags.

**Info** Orhan Karadeniz : Quality and Innovation Manager Extension 2050  
 Nuray Bobinci : International Sales Manager Extension 5019

**Update** This Product Technical Data Sheet is updated on **14.01.2026**