

PRODUCT DATA SHEET

NORWELL

CLASS G (HSR)

LAST VERSION JANUARY 2021

The cement satisfies the requirements according to API Spec. 10A Class G (HSR) cement

Properties		Declared values	Requirements according to API Spec. 10A
Fineness (Blaine m ² /kg)		330	NR
Specific weight (kg/dm ³)		3.25	NR
Free lime (%)		1.2	NR
MgO (%)		2.1	≤ 6.0 %
SO ₃ (%)		2.1	≤ 3.0 %
LOI (%)		1.0	≤ 3.0 %
I.R. (%)		0.2	≤ 0.75 %
C ₃ S (%)		54	48 - 65 %
C ₃ A (%)		2	≤ 3 %
C ₄ AF + 2*C ₃ A (%)		15	≤ 24 %
Na ₂ O-eq (%)		0.6	≤ 0.75 %
Free fluid (%)		4.0	≤ 5.9 %
Compressive strength at 8 hrs (psi)	38°C	500	≥ 300
	60°C	1900	≥ 1500
Thickening time - Schedule 5 (min)		105	90 - 120
Max consistence 15 - 30 min (Bc)		19	≤ 30
Water soluble Cr (VI) (ppm)		< 2	≤ 2 ¹

¹ According to EU-regulation REACH Annex XVII point 47 Chromium VI-compounds

NORCEM
HEIDELBERGCEMENTGroup

Norcem AS, P.O.Box 142, Lilleaker, NO-0216 Oslo
Tel +47-22 87 84 00 firmapost@norcem.no www.norcem.no