

**Dyckerhoff Well Cement Class C - Triplex**

Standard notation: API Spec 10A Class C Grade O

All shipments from **01.01.2021** to **01.04.2021**

Chemical composition:	Typical data	Specification API Spec 10A
MgO, %	1,0	≤ 6,0
SO ₃ , %	3,4	≤ 4,5
Loss on ignition, %	2,5	≤ 3,5
Insoluble residue, %	1,3	≤ 1,5
Tricalcium aluminate (C3A), %	10,9	≤ 15
Na ₂ O-equivalent, %	0,78	NR
Soluble Chromium (VI), ppm	< 2,0	NR

Physical properties:**(56% BWOC mix water, neat)**

Specific Surface Area (Blaine), m ² /kg	489	≥ 400
Absolute grain density, g/cm ³	3,13	NR
Slurry density, kg/l	1,77	NR
Compressive strength 8h/38°C, psi	1520	≥ 300
Compressive strength 24h/38°C, psi	3770	≥ 2000

Thickening Time (TT), Neat

API Sch. 4 (Depth: 8.000ft, BHCT: 52°C)

Consistency after 10 min, Bc	12	NR
Consistency after 30 min, Bc	15	≤ 30
Time to 30 Bc, min	63	≥ 30
Time to 40 Bc, min	73	NR
Time to 50 Bc, min	82	NR
Thickening time (Time to 100 Bc), min	101	≥ 90

Average results of conformity testing in accordance with API Spec 10A, 25th Ed.(2019) and ISO 10426-1:2009.

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Date: 29.04.2021
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