



## Dyckerhoff Variodur 50

### blast furnance cement EN 197-1 - CEM III/A 52,5N SR/NA

data according EN 196

|  | typical data |   | requirements in<br>EN 197-1/DIN 1164-10 |
|--|--------------|---|---|
| <b>mechanical data:</b>                |              |   |   |
| compressive strength 2 days [MPa]      | 28           | ≥ | 20,0                                    |
| compressive strength 28 days [MPa]     | 79           | ≥ | 52,5                                    |
| <b>physical data:</b>                  |              |   |   |
| water demand [%]                       | 34           |   |   |
| setting time (initial) [min]           | 227          | ≥ | 45                                      |
| Le Chatelier test [mm]                 | 0            | ≤ | 10                                      |
| <b>chemical data:</b>                  |              |   |   |
| loss on ignition [%]                   | 1,5          | ≤ | 5,0                                     |
| insoluble residue [%]                  | 1,0          | ≤ | 5,0                                     |
| sulfate content (SO <sub>3</sub> ) [%] | 1,9          | ≤ | 4,0                                     |
| Na <sub>2</sub> O-equivalent [%]       | 0,7          | ≤ | 1,10                                    |

CEM III/A 52,5 N is produced, tested and certified acc. DIBt Zulassung Nr. Z-3.11-2168

Certificate of conformity: 0840-CPR-1290-320175-17

KOMO Certificate: 1166-16-1091

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