

## Statistické hodnocení kvality cementu

dle EN 197-1 / ČSN 73 6123-1\*

**Cement: CEM II/A-S 42,5 N (sc)**

Období: Od: **01.12.2025**

Závod: **Mokrá**

Do: **31.12.2025**

### Mechanické a fyzikální vlastnosti

Datum	Měrný povrch [m <sup>2</sup> /kg]	Normální konzistence [%]	Počátek tuhnutí [min]	Konec tuhnutí [min]	Objemová stálost [mm]	Pevnost v tlaku		Pevnost v ohybu	
						2 dny [MPa]	28 dní [MPa]	2 dny [MPa]	28 dní [MPa]
Jednotka	[m <sup>2</sup> /kg]	[%]	[min]	[min]	[mm]	[MPa]	[MPa]	[MPa]	[MPa]
04.12.2025	329	28,4	220	312	0,5	19,9	54,9	4,6	9,0
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<b>Průměr</b>	<b>329</b>	<b>28,4</b>	<b>220</b>	<b>312</b>	<b>0,5</b>	<b>19,9</b>	<b>54,9</b>	<b>4,6</b>	<b>9,0</b>
Max	329	28,4	220	312	0,5	19,9	54,9	4,6	9,0
Min	329	28,4	220	312	0,5	19,9	54,9	4,6	9,0
Std	0	0,0	0	0	0,0	0,0	0,0	0,0	0,0
Četnost	1	1	1	1	1	1	1	1	1
Norma-min			60/120*			10,0	42,5		
Norma-max	350*				10		62,5		

### Chemické vlastnosti

Datum	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	K <sub>2</sub> O	Na <sub>2</sub> O	Obsah síranů (jako SO <sub>3</sub> )	Na <sub>2</sub> O ekv.	Obsah Cl	Ztráta žháním	Nerozpuštěný zbytek	v. CaO	Vodorozpuštěný chrom (Cr <sup>6+</sup> )	C <sub>3</sub> A ve sílku
Jednotka	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[ppm]	[%]
04.12.2025	24,60	5,35	2,74	59,80	2,86	0,66	0,17	2,63	0,60	0,026	1,21	0,38	---	---	7,93
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<b>Průměr</b>	<b>24,60</b>	<b>5,35</b>	<b>2,74</b>	<b>59,80</b>	<b>2,86</b>	<b>0,66</b>	<b>0,17</b>	<b>2,63</b>	<b>0,60</b>	<b>0,026</b>	<b>1,21</b>	<b>0,38</b>	<b>---</b>	<b>---</b>	<b>7,93</b>
Max	24,60	5,35	2,74	59,80	2,86	0,66	0,17	2,63	0,60	0,026	1,21	0,38	---	---	7,93
Min	24,60	5,35	2,74	59,80	2,86	0,66	0,17	2,63	0,60	0,026	1,21	0,38	---	---	7,93
Std	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,000	0,00	0,00	---	---	0,00
Četnost	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
Norma-min															
Norma-max								4,0	0,85*	0,10					10,0*

V Mokré dne : 06.02.2026

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