

## Statistické hodnocení kvality cementu

dle EN 197-1 / ČSN 73 6123-1\*

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

Období: Od: **01.03.2026**

Závod: **Mokrá**

Do: **31.03.2026**

### 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]
26.03.2026	322	28,2	178	286	1,0	21,0	55,9	4,5	8,9
30.03.2026	343	27,6	199	247	1,0	22,7	57,6	4,8	9,2
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<b>Průměr</b>	<b>333</b>	<b>27,9</b>	<b>189</b>	<b>267</b>	<b>1,0</b>	<b>21,8</b>	<b>56,8</b>	<b>4,7</b>	<b>9,0</b>
Max	343	28,2	199	286	1,0	22,7	57,6	4,8	9,2
Min	322	27,6	178	247	1,0	21,0	55,9	4,5	8,9
Std	11	0,3	11	20	0,0	0,9	0,9	0,1	0,1
Četnost	2	2	2	2	2	2	2	2	2
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]	[%]
26.03.2026	24,45	5,23	2,60	60,82	2,69	0,68	0,16	2,65	0,61	0,020	0,94	0,21	---	---	8,65
30.03.2026	24,44	5,27	2,64	60,54	2,74	0,70	0,16	2,71	0,62	0,030	---	---	---	---	8,65
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<b>Průměr</b>	<b>24,45</b>	<b>5,25</b>	<b>2,62</b>	<b>60,68</b>	<b>2,72</b>	<b>0,69</b>	<b>0,16</b>	<b>2,68</b>	<b>0,61</b>	<b>0,025</b>	<b>0,94</b>	<b>0,21</b>	<b>---</b>	<b>---</b>	<b>8,65</b>
Max	24,45	5,27	2,64	60,82	2,74	0,70	0,16	2,71	0,62	0,030	0,94	0,21	---	---	8,65
Min	24,44	5,23	2,60	60,54	2,69	0,68	0,16	2,65	0,61	0,020	0,94	0,21	---	---	8,65
Std	0,01	0,02	0,02	0,14	0,03	0,01	0,00	0,03	0,01	0,005	0,00	0,00	---	---	0,00
Četnost	2	2	2	2	2	2	2	2	2	2	1	1	0	0	2
Norma-min															
Norma-max								4,0	0,85*	0,10					10,0*

V Mokré dne : 06.05.2026

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