

CERTIFICADO DA QUALIDADE - FMN

ENSAIOS QUÍMICOS E FÍSICOS DO CIMENTO CP II Z 40

Fevereiro-2025

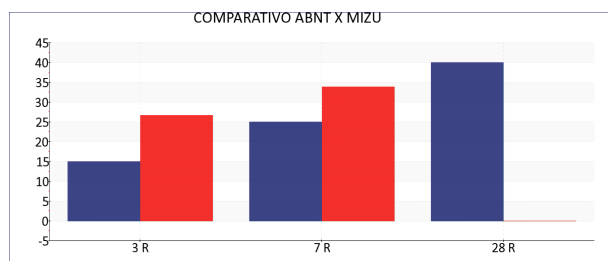
DATA	COMPOSIÇÃO QUÍMICA					RESISTÊNCIA A COMPRESSÃO			MASSA	FINURA			EXP.	PEGA		CONSIST.	
	Parâmetros	PF	RI	SO3	CO2	CaO L.	3 DIAS	7 DIA	28 DIAS	ESPEC.	BLAINE	#325	#200	QUENTE	INICIO	FIM	NORMAL
	Unidades	%	%	%	%	%	MPa	MPa	MPa	g/cm³	cm²/g	%	%	mm	min	min	%
12/02/2025	1.35	8.52	2.65	0.00	0.88	26.80	34.20		3.04	5022.00	2.15	0.36	0.00	140.00	215.00	30.30	
13/02/2025	1.31	8.52	2.80	0.00	0.86	28.00	33.80		3.04	5096.00	2.50	0.35	0.00	135.00	220.00	29.80	
14/02/2025	1.45	9.79	2.21	0.00	1.04	27.50	32.50		3.04	5036.00	2.20	0.33	0.00	130.00	225.00	29.30	
15/02/2025	1.38	9.16	2.51	0.00	0.95	28.20	32.10		3.04	4856.00	1.80	0.29	0.00	130.00	230.00	29.00	
17/02/2025	1.58	12.55	2.65	0.00	1.07	26.90	35.00		3.04	4839.00	1.50	0.21	0.00	140.00	230.00	29.80	
18/02/2025	2.42	9.57	3.19	0.00	2.25	26.30	33.90		3.04	4789.00	1.65	0.25	0.00	135.00	225.00	29.50	
19/02/2025	2.14	9.41	2.89	0.00	2.05	27.00	34.70		3.04	4789.00	1.75	0.20	0.00	140.00	230.00	29.90	
20/02/2025	1.96	8.89	2.96	0.00	2.15	26.60	34.90		3.04	4822.00	1.65	0.22	0.00	135.00	225.00	29.80	
21/02/2025	2.02	9.43	3.03	0.00	2.25	25.90	34.30		3.04	4538.00	1.90	0.23	0.00	145.00	235.00	30.10	
22/02/2025	1.94	7.89	2.78	0.00	2.10	26.00	33.80		3.04	4689.00	1.70	0.25	0.00	130.00	230.00	29.70	
24/02/2025	2.65	9.20	3.08	0.00	2.28	25.70	34.00		2.95	4855.00	1.60	0.22	0.00	125.00	230.00	30.30	
25/02/2025	2.48	9.53	3.36	0.00	2.39	26.30			2.95	4778.00	1.40	0.20	0.00	140.00	235.00	30.80	
26/02/2025	2.61	9.72	3.28	0.00	2.30	25.50			2.95	4896.00	1.55	0.25	0.00	130.00	230.00	30.70	
27/02/2025	2.74	9.91	3.34	0.00	2.20				3.04	4785.00	1.40	0.22	0.00	135.00	225.00	30.90	
28/02/2025	2.68	9.82	3.32	0.00	2.25				3.04	4841.00	1.48	0.24	0.00	125.00	230.00	30.20	

Controle Estatístico

						R3	R7	R28									
Média	2.00	9.50	2.90	0.00	1.80	26.70	33.90		3.00	4842.10	1.70	0.30	0.00	134.30	227.70	30.00	
Desvio (P)	0.50	1.00	0.30	0.00	0.60	0.80	0.90		0.00	138.10	0.30	0.10	0.00	5.90	5.30	0.50	
NBR 16697:2018	<8,5	<18,5	<4,5	<5,5	-	>15,0	>25,0	>40,0	-	>2800	-	<10,0	<5,0	<60	-	-	

Comparativo ABNT x MIZU

	ABNT	MIZU
R3	15	26.70
R7	25	33.90
R28	40	



• ABNT • MIZU

Responsável Técnico
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