

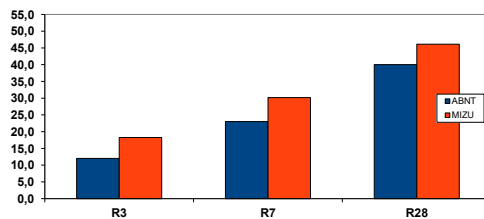
Granel													set/2025		
Dia	Composição Química				Resistência a Compressão			Finura				Expansibilidade	Pega		Consist.
	P. Fogo (%)	RI (%)	SO3 (%)	CaO Livre (%)	03 Dias MPa	07 Dias MPa	28 Dias MPa	Massa Espec. (g/cm³)	Blaine (m²/Kg)	# 325 (%)	# 200 (%)	Quente (mm)	Início (min)	Fim (min)	Normal (%)
1	1,73	0,58	1,39	0,47	20,6	31,7	42,5	2,99	4978			0,0	168	260	31,20
2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
3	1,91	0,60	1,52	0,49	17,3	29,4	45,7	2,99				0,0	180	265	31,10
4	1,85	0,45	1,69	0,52	16,5	28,3	45,3	2,99				0,0	170	268	31,10
5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
9	1,79	0,47	1,70	0,55	17,2	29,6	45,1	2,99				0,0	180	265	31,10
10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
11					15,9	26,5	44,8	2,99				0,0	195	298	31,10
12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
15					21,4	30,3	46,5	2,99				0,0	205	255	31,12
16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
19					17,9	30,4	45,1	2,99				0,0	220	305	31,10
20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
22					13,1	32,5	47,2	2,99				0,0			
23					19,8	30,5	46,9	2,99				0,0	230	310	31,10
24	----	----	----	----				2,99				0,0	225	280	30,88
25					19,0	30,8	44,7	2,99				0,0	225	310	31,10
26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
29					20,3	31,1	48,0	2,99				0,0	225	290	30,88
30	----	----	----	----	19,6	31,0	51,5	2,99				0,0	230	298	31,10
31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Controle Estatístico

					R3	R7	R28								
MÉDIA	1,80	0,51	1,56	0,54	18,2	30,2	46,11	2,99	4973	0,9	0,2	0,00	201	281	31,0
DESVIO	0,08	0,07	0,13	0,08	2,27	1,59	2,23	0,00	7,07	#DIV/0!	#DIV/0!	0,00	25,78	22,12	0,18
ABNT	≤ 6,5	≤ 5,0	≤ 4,5		≥ 12,0	≥ 23,0	≥ 40,0				≤ 8,0	≤ 5	≥ 60	≤ 720	

(*) Amostra reanalisada

COMPARATIVO ABNT X MIZU



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Responsável Técnica
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Líder de Fábrica
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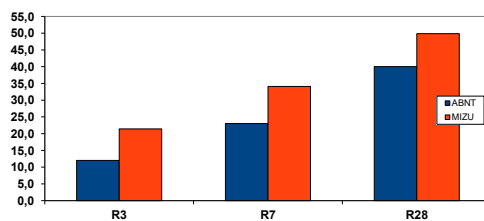
Granel													out/2025		
Dia	Composição Química				Resistência a Compressão			Finura				Expansibilidade	Pega		Consist.
	P. Fogo (%)	RI (%)	SO3 (%)	CaO Livre (%)	03 Dias MPa	07 Dias MPa	28 Dias MPa	Massa Espec. (g/cm³)	Blaine (m²/Kg)	# 325 (%)	# 200 (%)	Quente (mm)	Início (min)	Fim (min)	Normal (%)
1					23,1	34,8	53,4	2,99				0,0	193	275	31,12
2					17,4	35,2	53,0	2,99				0,0	190	260	31,08
3					22,6	34,7	48,6	2,99				0,0	208	265	31,08
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7					22,9	35,8	56,1	2,99				0,0	214	276	31,00
8					20,8	35,3	50,7	2,99				0,0	211	265	31,08
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10					24,3	37,7	56,0	2,99				0,0	189	285	30,76
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14					23,7	33,9	47,8	2,99				0,0	190	260	30,76
15					21,5	32,1	46,2	2,99				0,0	201	259	30,70
16					19,4	33,7	47,0	2,99				0,0	205	253	30,92
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21					21,9	32,2	46,9	2,99				---	---	---	---
22					22,3	34,0	51,1	2,99				0,0	193	250	30,76
23					20,0	33,2	47,5	2,99				0,0	198	255	30,70
24					19,2	31,3	46,8	2,99				0,0	199	258	30,76
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27					21,1	32,3	47,4	2,99				0,0	204	255	30,92
28					23,5	35,1	50,3	2,99				0,0	190	265	30,92
29					21,9	34,0	49,2	2,99				0,0	195	245	30,96
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Controle Estatístico

					R3	R7	R28								
MÉDIA	1,71	0,47	1,51	0,68	21,4	34,1	49,87	2,99	4968	0,9	0,2	0,00	197	261	30,9
DESVIO	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1,96	1,63	3,25	0,00	#DIV/0!	#DIV/0!	#DIV/0!	0,00	11,39	10,86	0,18
ABNT	≤ 6,5	≤ 5,0	≤ 4,5		≥ 12,0	≥ 23,0	≥ 40,0				≤ 8,0	≤ 5	≥ 60	≤ 720	

(*) Amostra reanalisada

COMPARATIVO ABNT X MIZU



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Líder de Fábrica
Rogério Americano Alves

Granel

nov/2025

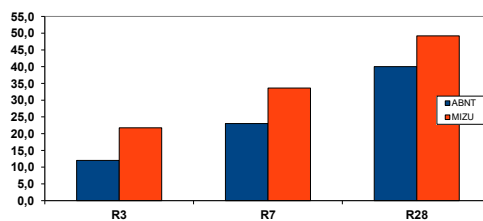
Dia	Composição Química				Resistência a Compressão			Finura				Expansibilidade	Pega		Consist.
	P. Fogo (%)	RI (%)	SO3 (%)	CaO Livre (%)	03 Dias MPa	07 Dias MPa	28 Dias MPa	Massa Espec. (g/cm³)	Blaine (m²/Kg)	# 325 (%)	# 200 (%)	Quente (mm)	Início (min)	Fim (min)	Normal (%)
1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
3					25,1	35,5	49,2	2,99				0,0	205	285	31,06
4					18,9	30,9		2,99				0,0	198	280	30,80
5					18,3	29,8		2,99				0,0	205	288	30,80
6					21,5	30,9		2,99				0,0	206	285	30,92
7					22,8	33,8		2,99				0,0	193	278	30,92
8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
10					21,3	35,2		2,99				0,0	195	275	30,94
11					23,1	36,0		2,99				0,0	203	280	30,92
12					22,4	34,7		2,99				0,0	205	278	30,92
13					21,3	34,1		2,99				0,0	199	270	30,92
14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
17					20,8	33,8		2,99				0,0	195	270	30,96
18					22,6	32,8		2,99				0,0	200	275	30,96
19					19,9	35,4		2,99				0,0	202	285	31,06
20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
21					21,9	34,1		2,99				0,0	202	267	30,96
22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
24					24,5			2,99				0,0	208	260	31,06
25					23,1			2,99							
26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
27					23,9			2,99				0,0	212	287	31,10
28								2,99				0,0	204	291	31,16
29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Controle Estatístico

					R3	R7	R28								
MÉDIA	1,71	0,47	1,51	0,68	21,8	33,6	49,20	2,99	4968	0,9	0,2	0,00	200	277	30,9
DESVIO	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2,00	1,97	#DIV/0!	0,00	#DIV/0!	#DIV/0!	#DIV/0!	0,00	10,04	11,24	0,15
ABNT	≤ 6,5	≤ 5,0	≤ 4,5		≥ 12,0	≥ 23,0	≥ 40,0				≤ 8,0	≤ 5	≥ 60	≤ 720	

(*) Amostra reanalisada

COMPARATIVO ABNT X MIZU



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