

Test data sheet: Duty

Project No.: 411833	Subproject No.: 411833-1	
Test No.: 6451/4	Date of test: 31.08.2015	
Customer: Perlitgroup Ukraine	Customer No.: 161629	

Duty:	Material: Perlite		
	Particle shape:		
	Bulk density: 1,00 t/cbm		
	Moisture: %		
	Feed rate: 12,00 t/h		

Fractions (mm):						
1	2	3	4			
< 0,160	0,160 - 0,600	0,600 - 1,250	1,250 - 5,000			

Tolerances (%):							
+	0,00	+	0,00	+	0,00	+	0,00
-	0,00	-	0,00	-	0,00	-	0,00

Test screen:			
Type:	SC0566		
Width:	500 mm	Amplitude:	7,5 mm
Speed:	960 rpm	No. of decks:	5
Inclination:	2 °	Add. deck:	Yes

Screen decks:					
+0	→	+0	2,500	Quadrat	4 11,93
+1	→	+1	1,600	Quadrat	4 17,50
+2	→	+2	1,250	Quadrat	3 10,70
+3	→	+3	0,800	Quadrat	3 13,71
+4	→	+4	0,450	Quadrat	2 18,39
+5	→	+5	0,200	Quadrat	2 23,08
-5	→	-5			1 4,68

Remarks:	PU - strings Deck +3 / +4 / +5 : 7,0mm Maschine + 2°
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Test data sheet: Analysis result

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Project No.: 411833	Subproject No.: 411833-1
Test No.: 6451/4	Date of test: 31.08.2015
Customer: Perlitgroup Ukraine	Customer No.: 161629

Material:	Perlite
Particle shape:	
Bulk density:	1,00 t/cbm
Moisture:	%
Feed rate:	12,00 t/h
Feed amount:	100,0 g
Screening time:	10 min
Analytical method:	Siebanalyse

Analysis result:				
	Number	Particle size (mm)		Amount (%)
	19	2,500 - 5,000		3,00
	18	2,000 - 2,500		5,50
	17	1,600 - 2,000		11,20
	16	1,400 - 1,600		4,90
	15	1,250 - 1,400		4,10
	14	1,120 - 1,250		3,70
	13	1,000 - 1,120		4,80
	12	0,800 - 1,000		8,50
	11	0,710 - 0,800		3,20
	10	0,630 - 0,710		2,30
	9	0,560 - 0,630		3,00
	8	0,500 - 0,560		3,30
	7	0,400 - 0,500		6,70
	6	0,315 - 0,400		8,40
	5	0,250 - 0,315		7,50
	4	0,200 - 0,250		9,00
	3	0,160 - 0,200		4,10
	2	0,125 - 0,160		2,50
	1	< 0,125		4,30

Remarks:

Test data sheet: Result

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Member of the **ALLGAIER** Group

Project No.:	411833	Subproject No.:	411833-1	
Test No.:	6451/4	Date of test:	31.08.2015	
Customer:	Perlitgroup Ukraine	Customer No.:	161629	
Material:	Perlite			
Fractions (mm):	1	2	3	4
Particle size (mm):	< 0,160	0,160 0,600	0,600 1,250	1,250 5,000
Quantity (%):	4,68	41,47	24,41	29,43
No	Particle size (mm)	Weight (%)		
19	2,500 - 5,000	0,00	0,00	8,69
18	2,000 - 2,500	0,00	0,00	24,07
17	1,600 - 2,000	0,00	0,00	33,89
16	1,400 - 1,600	0,00	0,85	18,11
15	1,250 - 1,400	0,00	5,90	9,95
14	1,120 - 1,250	0,00	16,08	3,55
13	1,000 - 1,120	0,00	14,45	1,12
12	0,800 - 1,000	0,00	37,54	0,46
11	0,710 - 0,800	0,00	12,62	0,05
10	0,630 - 0,710	0,00	5,94	0,00
9	0,560 - 0,630	0,00	4,11	0,00
8	0,500 - 0,560	0,00	1,33	0,00
7	0,400 - 0,500	0,00	15,61	0,00
6	0,315 - 0,400	0,00	0,70	0,00
5	0,250 - 0,315	0,00	19,19	0,00
4	0,200 - 0,250	0,15	0,06	0,00
3	0,160 - 0,200	10,33	21,47	0,00
2	0,125 - 0,160	29,38	0,04	0,00
1	< 0,125	60,14	6,68	0,16
Oversize (%):	10,49	2,01	6,78	0,00
Product (%):	89,51	93,64	86,63	94,72
Undersize (%):	0,00	4,35	6,59	5,28
Feed rate test screen	SC0566	Width	500 mm	6,73 t/h
Remarks:	Feed rate SC1066 : 12t/h			
Wedel, the	29. Okt. 15	Signature:		