



Desmet Ballestra s.p.a.  
MILANO - Italy

CUSTOMER

JOB 1E35

PLANT SULPHUREX

ITEM 12H1

DWG. 1E35.35.013-3

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SHEET 3 OF 3

DWG. TITLE : SULPHUR COMBUSTION FURNACE REFRACTORY AND INSULATING MATERIALS

## BASE COMPOSITION OF REFRACTORY MATERIALS

### BALLESTRA'S SUPPLY

TYPE	Description	Quantity		Bulk density kg/dm <sup>3</sup>	CHEMICAL ANALYSIS %						
					Al <sub>2</sub> O <sub>3</sub>	Al <sub>2</sub> O <sub>3</sub> TiO <sub>2</sub>	CaO	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	MgO	Alkalies
A	Refractory ball Ø60 (Volume 0.113 dm <sup>3</sup> )	N°pieces 12100		1,9		50 max		2	48	0,7	0,9
B	Refractory ball Ø100 (Volume 0.523 dm <sup>3</sup> )	N°pieces 120									
C	Insulating brick 220x110x60/50	N°pieces 1242		0,5		15	5,9	4	66	1,3	2,2
D	Insulating brick 220x110x60/60	N°pieces 396									
E	Refractory casting	dm <sup>3</sup> 4010		2,00	39		9	5	44		
F	Cerablanket Thk. : 25 mm.	m <sup>2</sup> 5		0,128	42 47	-		0,20	53 58		0,25
G	Refractory cement for insulating bricks	kg. 655		1,7	11,5	-		0,31	76,89		
H	Refractory casting for sulphur pipe	dm <sup>3</sup> 5		2,52	87,5		5,5	0,4	5,5		
I	Rock wool	dm <sup>3</sup> 40		0,12							

LE QUANTITA' INDICATE SONO TEORICHE, PER L' ORDINAZIONE  
PREVEDERE UN INCREMENTO DEL 5%.

The quantities indicated are theoretical, for order  
except an increase of 5%.

1	20.12.09	G.R.	REFRACTORY MATERIAL REVISED - ISSUED FOR FOR ORDER
0	16.11.09	G.R.	ISSUED FOR BID
Rev.	Date	Drawn	Description

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