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Tel.: +420 493 505 111 | Fax: +420 493 505 328 | ID: Company 44795688
V.A.T. ID: CZ44795688 | Registered at the District Court in Hradec Králové,
on December 5th, 1991, under the No. B 1093
Banking services: ČSOB Bratislava, a.s.,
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GLASS SANDS - Company Standard **PN-01-2014** (Extract)
Table 1. **Granularity - Quality Category**

Brand Name	Fraction (mm)								
	above 1,25	1,00	0,80	0,63	0,50	0,315	0,10	0,063	undersize
	Content of Component (%)								
STJ 06	0,00			0,0	max 0,5	max 7,0	min 90,5		max 2,0
STJ 09									
STJ 12									
STJ 25									
ST 08	0,00		0,0	max 1,0	min 97,0			max 2,0	
ST 10									
ST 12									
ST 15									
ST 40	0,00	0,0	0,0	max 0,5	min 94,5			max 5,0	

GLASS SANDS - Company Standard **PN-01-2014** (Extract)
Table 2. **Chemical Composition**

Brand Name	Content of Component (%)			
	SiO_2	Fe_2O_3	TiO_2	Al_2O_3
	min	max		
STJ 06	99,7	0,006	0,03	0,2
STJ 09		0,009		
STJ 12		0,012	0,04	
STJ 25	99,3	0,025	0,15	0,3
ST 08	99,7	0,008	0,03	0,2
ST 10		0,010		
ST 12		0,012	0,04	
ST 15	99,5	0,015	0,05	
ST 40	98,5	0,040	0,13	0,4

FOUNDRY SANDS - Company Standard **PN-02-2014** (Extract)
Table 1. **Quality Category**

Basic Characteristics	Brand Name				
	ST 52	**ST 53**	**ST 54**	**ST 55**	**ST 56**
d 50 (mm)	0,32	0,27	0,22	0,17	0,14
Granularity Range (mm)	±0,03	±0,03	±0,03	±0,03	±0,03
(d 75 : d 25) x 100	40 - 65	40 - 65	40 - 65	45 - 65	40 - 60
Washed matter (%) max	1			2	
Fe_2O_3 (%) max	0,2			0,3	
$K_2O + Na_2O$ (%) max	0,2				
CaO + MgO (%) max	0,2			0,4	

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MICRO-MILLED SANDS - Company Standard **PN-03-2014** (Extract)
Table 1. **Granularity and Chemical Composition**

Fraction (mm)	Brand Name ST 2	ST 6	ST 7	ST 8	ST 9
	Fraction (%)				
above 0,50	0,00	0,0	0,0	0,0	max 0,5
0,315	0,0				
0,25	max 0,5			max 1,5	
0,20					
0,125	max 8,0	max 10,0	max 5,0		
0,090					
0,063	max 20,0				
0,045	not specified	not specified			
0,040					
undersize					
SiO_2 (%) min	99,6				
Fe_2O_3 (%) max	0,05				
Al_2O_3 (%) max	0,5				
CaO + MgO (%) max	0,1				
$Na_2O + K_2O$ (%) max	0,1				

TECHNICAL SANDS - Company Standard **PN-04-2017** (Extract)
Table 1. **Quality Category**

Fraction (mm)	Brand Name ST 01/06	ST 03/08	ST 05/10	ST 06/12	ST 10/40	ST 03/30
	Fraction (%)					
above 4,0	max 25,0	max 10,0	0,00	max 10,0	max 5,0	max 3,0
3,15					min 90,0	
1,25						min 92,0
1,00			max 10,0	min 80,0		
0,80			min 85,0		max 5,0	
0,63		min 85,0				
0,50	min 73,0			max 10,0		
0,315			max 5,0			
0,20		max 5,0				max 5,0
0,10						
undersize	max 2,0					
SiO_2 (%) min	99,2					
Fe_2O_3 (%) max	0,04		0,10			
washed matter (%) max	1					