

RGPBALLS S.R.L.
Via E. De Amicis 59/C - 61/A
20092 Cinisello Balsamo (MI) - Italy
VAT N° e C.F. 08678490965
Num. Rea MI-2042305
Cap. Soc. 500.000 € I.V.
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Email: rgpballs@rgpballs.com
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Customer

HSI-SOLUTIONS GMBH

PALETZGASSE 36-38

WIEN 1160
AT

N° RGP Order	22011158 O2 2,00	Shipment Date	29/09/23	Ref.Custome	EB220284
Delivery Number	23201532	Quantity	7127,00 NR		

Item	SFVEBO0200000 - GL 20,0 PRAZ	Heat Number	--
Item Description	BALLS V.BORO. MM.20,000	Grade	G 200
Lot Number	21101802	Knoop	420-520
Production Date	18/10/21	Sorting	/ μm

CHEMICAL COMPOSITION

Chemical Composition	Minimum Value	Maximum Value
% ALUMINUM OXIDE	1,000	5,000
% BARIUM OXIDE	0,000	1,000
% BORON OXIDE	8,000	15,000
% CALCIUM OXIDE	0,000	2,500
% POTASSIUM OXIDE	0,000	2,000
% SODIUM OXIDE	3,000	9,000
% SILICON OXIDE	65,000	85,000

COMPILED BY: CHECKED BY: QA MANAGER :

 Massimiliano Ferro	 Niki Scavullo	 Andrea Rossi
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MECHANICAL TESTS

DIAMETER VARIATION

UNI EN ISO

17450-2:2012

Min	Max
-5,0 μm	+5,0 μm

ROUNDNESS

UNI EN ISO

12181-2:2011

Min	Max
0,0 μm	5,0 μm

ROUGHNESS -Ra

UNI EN ISO

1302:2002

Min	Max
0,0 μm	0,15 μm

HARDNESS

UNI EN ISO 6508-1:2015

UNI EN ISO 6507-1:2005

Min	Max
420,0	520,0 Knoop

Sample N°	Result Value	Result Value	Result Value	Result Value
1	-2,200	6,800	0,020	420-520
2	3,400	16,420	0,020	420-520
3	6,000	12,400	0,020	420-520
4	4,500	11,840	0,020	420-520
5	-1,400	8,520	0,020	420-520
6	5,700	9,370	0,020	420-520
7	4,500	10,450	0,020	420-520
8	2,300	7,710	0,020	420-520
9	6,500	15,240	0,020	420-520
10	6,100	16,320	0,020	420-520

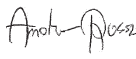
COMPILED BY:

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