

Physical and chemical Characteristics for MICROBIT BEADS

PROPERTY [test method]	UNIT of MEASUREMENT	MICROBIT LEONARDO	MICROBIT LEONARDO SM	REMARKS
Al ₂ O ₃ content (XRF) AH_09 ^(*1)	wt%	90.0 ± 0.5	89.9 ± 0.5	(*1) – Internal test method of Laboratorio Chimico Ce.Ri.Col. (Colorobbia Consulting s.r.l.) (*2) - Internal test method of Industrie Bitossi S.p.A. (*3) – The indicated ranges are typical and the diameters are not homogeneously distributed within them
Density IOS05/02/07 ^(*2)	g/cm ³	3.63 ± 0.07	≥ 3.60	
Rockwell 45 N hardness IOS14/02/07 ^(*2)	-	80 ± 3	80 ± 3	
Water Absorption IOS29/02/07 ^(*2)	vol%	not detectable	not detectable	
Colour (typical)	-	white-ivory	white-ivory	
Sphericity (typical)	-	≥ 0.95	≥ 0.95	
Available size ^(*3)	mm	0.60-1.2 / 0.75-1.50 / 1-2 / 1.5-2.5 / 2.5-3.5 3-4 / 4-6 / 5-7 / 6-7 / 7-9 / 8-10 <i>(other sizes available on request)</i>		

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 MICROBIT SPECIFICATION

Approved by DCT Manager

