


Ants Ceramics Pvt. Ltd.

Grey Agate Mortar & Pestle



S.No.	Picture	Code	Size ID Inch (mm)
1		AM-200	2 (50)
2		AM-205	2.5 (63)
3		AM-300	3 (75)
4		AM-305	3.5 (88)
5		AM-400	4 (100)
6		AM-405	4.5 (113)
7		AM-500	5 (125)
8		AM-505	5.5 (138)
9		AM-600	6 (150)
10		AM-605	6.5 (163)
11		AM-700	7 (175)
12		AM-800	8 (200)

Note: Tolerance in above dimensions in Inch is +/- 0.2 inch maximum

Remarks:

1 Agate is a microcrystalline variety of silica, chiefly [chalcedony](#), characterised by its fineness of grain and brightness of color. Although agates may be found in various kinds of rock, they are classically associated with volcanic rocks and can be common in certain metamorphic rocks.

2 Most agates occur as nodules in volcanic rocks or ancient lavas where they represent cavities originally produced by the disengagement of volatiles in the molten mass which were then filled, wholly or partially, by siliceous matter deposited in regular layers upon the walls. Such agates, when cut transversely, exhibit a succession of parallel lines, often of extreme tenuity, giving a banded appearance to the section. Such stones are known as banded agate, ribband agate and striped agate.



3 Physical Properties:

Color	White to grey, light blue, orange to red, black, banded
Crystal habit	Cryptocrystalline silica
Crystal system	Rhombohedral Microcrystalline
Cleavage	None
Fracture	Conchoidal with very sharp edges
Mohs scale hardness	6.5 - 7
Luster	Waxy
Diaphaneity	Translucent
Specific gravity (gm/cc)	2.58-2.64