WHAT IS CLAIMED IS:

1. An yttrium-based granular powder for thermal spraying, the powder comprising:

one or more yttrium compound powders selected from among Y_2O_3, YOF, YF_3, $Y_4Al_2O_9$, $Y_3Al_5O_{12}$, and $YAlO_3$; and

a silica (SiO_2) powder,

wherein an average diameter of the granular powder is 5 to 50 μm, and a Y-Si-O intermediate phase is included in a content of more than 0 wt% and less than 10 wt%.

2. The yttrium-based granular powder for thermal spraying of claim 1, wherein a weight ratio (Si/Y) of a silicon element to yttrium is 0.3 to 1.00.

3. The yttrium-based granular powder for thermal spraying of claim 1, wherein 90 to 99.9 mass% of the yttrium compound powder having an average diameter of 0.1 to 10 μm is mixed with 0.1 to 10 mass% of the silica powder having an average diameter of 0.1 to 10 μm to manufacture the granular powder.

4. A method of manufacturing an yttrium-based granular powder for thermal spraying, the method comprising:

(a) mixing one or more yttrium compound powders selected from among Y_2O_3, YOF, YF_3, $Y_4Al_2O_9$, $Y_3Al_5O_{12}$, and $YAlO_3$ with a

silica (SiO_2) powder to manufacture a mixture;

(b) assembling the mixture to manufacture the granular powder; and

(c) calcining the granular powder at 1200 to 1450℃ to obtain the yttrium-based granular powder for thermal spraying,

wherein the yttrium-based granular powder for thermal spraying includes a Y-Si-O intermediate phase in a content of more than 0 wt% and less than 10 wt% and has an average diameter of 5 to 50 μm.

5. Yttrium-based granular powder for thermal spraying manufactured using the manufacturing method of claim 4.

6. A method of manufacturing an yttrium-based thermal spray coating with the yttrium-based granular powder described in claim 5, wherein a silicon element is partially vaporized during a process of manufacturing the thermal spray coating.