CLAIMS

1. A crystalline material having at least six XRD peaks selected from Table 1:

Table 1

degree 2-theta (±0.20)	relative intensity [100 x I/(Io)]
8.93	30-60
10.49	40-80
11.12	60-100
12.68	10-40
15.33	10-40
15.88	5-25
22.77	50-80
23.90	40-60
27.58	20-40

wherein part or all of a structure directing agent has been removed from the crystalline material.

2. A crystalline material having a framework defined by the following connectivities in Table 2 for the tetrahedral (T) atoms in the unit cell, the tetrahedral (T) atoms being connected by bridging atoms:

Table 2

T atom	Connected to:
T1	T3, T5, T7, T9
T2	T5, T7, T8, T11
T3	T1, T4, T11, T12
T4	T3, T6, T9, T10
T5	T1, T2, T10, T13
T6	T4, T7, T12, T14
T7	T1, T2, T6, T13
T8	T2, T10, T12, T14
T9	T1, T4, T12, T14
T10	T4, T5, T8, T11
T11	T2, T3, T10, T13
T12	T3, T6, T8, T9
T13	T5, T7, T11, T14
T14	T6, T8, T9, T13

3. The material of claim 1 having a micropore volume of 0.10 to 0.28 cc/g.

4. The material of claim 1, wherein five of the six XRD peaks include the peaks in Table 1B:

Table 1B

degree 2-theta (±0.20)	relative intensity [100 x I/(Io)]
8.93	30-60
10.49	40-80

11.12	60-100
22.77	50-80
23.90	40-60

and the crystalline material has a micropore volume of 0.10 to 0.28 cc/g.

5. The material of claim 1 having a composition including Formula I:

$$(m)X_2O_3:YO_2 \text{ (Formula I)},$$

wherein $0.01 \leq m \leq 0.25$, X is a trivalent element, and Y is a tetravalent element.

6. The material of claim 5, wherein the ratio of Y to X is 5 to 25.

7. An as-made crystalline material having at least six XRD peak selected from Table 3:

Table 3

degree 2-theta (±0.20)	relative intensity [100 x I/(Io)]
8.73	20-40
10.37	20-60
11.04	60-100
12.56	20-40
17.52	30-70
19.45	30-70
20.47	30-70
22.40	50-80
23.83	20-60
27.18	30-70

8. The material of claim 7 having a triclinic unit cell a-parameter of 8.8 ± 0.3 Å, b-parameter of 9.6 ± 0.3 Å, c-parameter of 10.7 ± 0.3 Å, α of 104 ± 6°, β of 100 ± 6°, and γ of 100 ± 6°.

9. The material of claim 7 wherein the six XRD peaks include the peaks in Table 3B:

Table 3B

degree 2-theta (±0.20)	relative intensity [100 x I/(Io)]
8.73	20-40
10.37	20-60
11.04	60-100
17.52	30-70
19.45	30-70
22.40	50-80

and the crystalline material has a triclinic unit cell a-parameter of 8.8 ± 0.3 Å, b-parameter of 9.6 ± 0.3 Å, c-parameter of 10.7 ± 0.3 Å, α of 104 ± 6°, β of 100 ± 6°, and γ of 100 ± 6°.

10. The material of claim 7 having a composition including Formula II:

$$(n)G:(v)X_2O_3:YO_2 \text{ (Formula II)},$$

wherein $0.01 \leq v \leq 0.25$, $0.03 \leq n \leq 0.25$, G is an organic structure directing agent, X is a trivalent element, and Y is a tetravalent element.

11. The material of claim 10, wherein Y to X ratio is 5 to 25.

12. The material of claim 10, wherein the ratio of G to Y is 0.05 to 0.15.

13. A process of preparing the crystalline material of claim 7 comprising mixing a composition comprising a source of hydroxide ions, a source of an oxide of a tetravalent element Y, a source of a trivalent element X, and a structure directing agent (G) comprising a bispyrrolidinium dication.

14. The process of claim 13 further comprises removing part or all of the structure directing agent from the crystalline material.