What is claimed is:

1. A hydrocracking catalyst, comprising:

a support;

an amorphous silica alumina material;

a stabilized Y zeolite having a pore volume in the 20 nm to 50 nm range of 0.15 to 0.6 cc/g, wherein the stabilized Y zeolite has an acid site distribution index factor of between 0.02 and 0.12, wherein 20 to 30% of the pores are in the 8 nm to 20 nm range, wherein 40 to 60% of the pores are in the 20 nm to 50 nm range, wherein 15 to 25% of the pores are greater than 50 nm; and

at least one metal selected from the group consisting of elements from Group 6 and Groups 8 through 10 of the Periodic Table.

2. The hydrocracking catalyst of Claim 1, wherein the stabilized Y zeolite has an acid site distribution index factor of between 0.06 and 0.12.

3. The hydrocracking catalyst of Claim 1, wherein the stabilized Y zeolite has an acid site distribution index factor of between 0.08 and 0.11.

4. A process for hydrocracking a hydrocarbonaceous feedstock, comprising contacting the feedstock with a hydrocracking catalyst under hydrocracking conditions to produce a hydrocracked effluent;

the hydrocracking catalyst comprising

a support;

an amorphous silica alumina material;

a stabilized Y zeolite having a pore volume in the 20 nm to 50 nm range of 0.15 to 0.6 cc/g, wherein the stabilized Y zeolite has an acid site distribution index factor of between 0.02 and 0.12, wherein 20 to 30% of the pores are in the 8 nm to 20 nm range, wherein 40 to 60% of the pores are in the 20 nm to 50 nm range, wherein 15 to 25% of the pores are greater than 50 nm; and

at least one metal selected from the group consisting of elements from Group 6 and Groups 8 through 10 of the Periodic Table.

5. The process of Claim 4, wherein the stabilized Y zeolite has an acid site distribution index factor of between 0.06 and 0.12.

6. The process of Claim 4, wherein the stabilized Y zeolite has an acid site distribution index factor of between 0.08 and 0.11.

7. The process of Claim 4, wherein the hydrocracked effluent is a heavy middle distillate product in the 380 to 700ºF range.