CLAIMS

1. A process comprising:

passing a homogeneous single-site catalyst to a solution polymerization reactor in the form of a dry powder;

contacting the catalyst with one or more α-olefin monomers; and

recovering a polyolefin.

2. The process of claim 1, wherein the homogeneous single-site catalyst is first passed to a catalyst feed line fluidly connected to the polymerization reactor.

3. The process of claim 1, wherein the homogeneous single-site catalyst and α-olefin monomers are combined at a temperature greater than 50°C.

4. The process of claim 1, wherein the polyolefin is free of aromatic hydrocarbon.