POLYOLEFIN PRODUCTION WITH CHROMIUM-BASED CATALYSTS

ABSTRACT

A method including contacting a chromium-based catalyst with a reducing agent in a solvent to lower an oxidation state of at least some chromium in the chromium-based catalyst to give a reduced chromium-based catalyst, drying the reduced chromium-based catalyst at a temperature, and adjusting the temperature to affect the flow index response of the reduced chromium-based catalyst.

[Fig. 1]