

POLYOLEFIN PRODUCTION WITH CHROMIUM-BASED CATALYSTS

ABSTRACT

5 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.

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[Fig. 1]