

THIS SHEET HAS BEEN
REPLACED

-29-
PROCESS FOR THE POLYMERIZATION OR COPOLYMERIZATION OF
ETHYLENE

ABSTRACT

In gas phase polymerizations and copolymerizations of ethylene, temperature controls the molecular weight, expressed as MI 5 (wherein MI is measured according to ASTM D-1238 Condition E), of the resin product. Increase in polymerization temperature produces decrease in MI; whereas, decrease in polymerization temperature produces increase in MI.

Figure 1 is suggested
for publication