

ETHYLENE/CO INTERPOLYMERS AND PROCESSES TO MAKE THE SAME

ABSTRACT

- 5 A composition comprising an ethylene/CO interpolpolymer, formed from a high pressure, free-radical polymerization, and wherein the ethylene/CO interpolpolymer has the following properties:
- a) a CO content from “greater than 0” weight percent to less than, or equal to, 10 weight percent CO (carbon monoxide), based on the weight of the interpolpolymer; and
- 10 b) a melting point, T_m , in °C that meets the following relationship:
- $$T_m (\text{°C}) \leq 601.4 * (\text{Density in g/cc}) - 452.5(\text{°C}).$$

[FIG .2]