

A POLYETHYLENE COMPOSITION AND PROCESS FOR POLYMERIZING THE SAME

Abstract

The instant invention provides a polyethylene composition and process for polymerizing the same.

The polyethylene composition according to the present invention comprises the polymerization reaction of ethylene and optionally one or more α -olefin comonomers in the presence of a catalyst system, wherein said polyethylene composition comprises at least 2 or more molecular weight distributions, measured via triple detector GPC low angle laser light scattering (GPC-LALLS), described in further details hereinbelow, wherein each molecular weight distribution has a peak, and wherein measured detector response of peak 1 divided by the measured detector response of peak 2 is in the range of from 0.50 to 0.79, for example from 0.55 to 0.77.

[No figure]