

DUAL METALLOCENE CATALYSTS FOR POLYMERIZATION OF BIMODAL POLYMERS

Abstract

This invention relates to catalyst compositions, methods, and polymers encompassing at least one first Group 4 metallocene compound comprising bridging η^5 -cyclopentadienyl-type ligands, in combination with at least one second Group 4 metallocene with non-bridging η^5 -cyclopentadienyl-type ligands, typically in combination with at least one cocatalyst, and at least one activator. The compositions and methods disclosed herein provide ethylene polymers with a bimodal molecular weight distribution.

Figure 1