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(54) Title: POLYETHYLENE LAMINATES FOR SUSTAINABLE PACKAGING

(57) Abstract: The invention relates to a polyethylene laminate film comprising an inner surface and an outer surface and comprising a print film comprising an outer layer E, a core layer F and an inner layer G, wherein the inner layer G forms the outer surface of the laminate film, and wherein the inner layer G is made of an inner layer G composition comprising a component AG, which is an ethylene copolymer having a density of 920 to 935 kg/m³ and a melt flow rate (MFR₂) of 0.5 to 2.0 g/10min, determined according to ISO 1133; and a sealant film comprising an outer layer A, a core layer B and an inner layer C, wherein the inner layer C forms the inner surface of the laminate film, and wherein the inner layer C is made of an inner layer C composition comprising at least one ethylene polymer; wherein the outer layer A of the sealant film is laminated to the outer layer E of the print film, and wherein the seal initiation temperature (SIT) at 5 N of the outer surface of the laminate film is at least 10 °C higher than the seal initiation temperature at 5 N of the inner surface of the laminate film, the seal initiation temperature being determined according to ASTM F2029 and ASTM F88. The invention further relates to an article comprising the polyethylene laminate film and to the use of polyethylene laminate film for packaging of an article. Moreover, the invention relates to a sealant film, an article comprising the sealant film and the use of the sealant film for packaging of an article.

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