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(54) Title: ETHYLENE COPOLYMERS WITH IMPROVED MELTING AND GLASS TRANSITION TEMPERATURE

(57) Abstract: The present inventions concerns a copolymer of ethylene and an C3 to C8 alpha-olefin, wherein the copolymer has a density of 890 to 915 kg/m³ measured according to ISO 1183 and a MFR2 of 0.5 to 8.0 g/10min measured according to ISO 1133, wherein the alpha-olefin is present in the copolymer in an amount of 10 to 20 wt.%, wherein the copolymer has a melt point T_m between 100 and 120°C measured according to ISO 11357-3 and a Vicat softening temperature T_{vicat} of 80 to 96 °C.

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