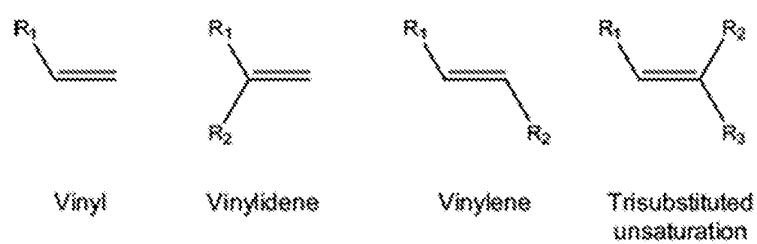


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FIG. 1

Unsaturation



Scheme 1. General structures and nomenclature of unsaturations in polyolefins

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FIG. 2

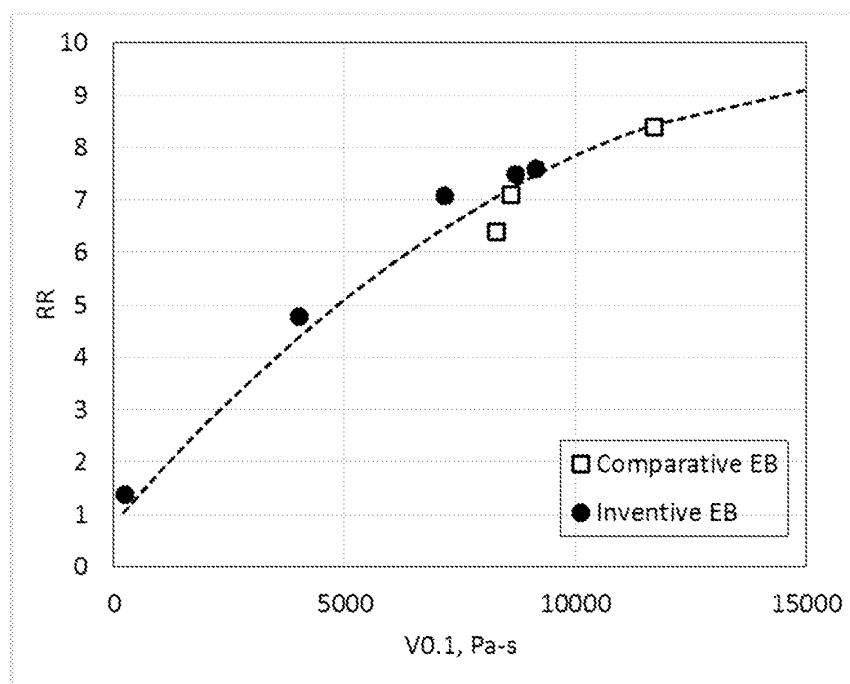


Figure 2: Rheology ratio [(viscosity measured at 0.1 rad/s) / (viscosity measured at 100 rad/s)] versus viscosity measured at 0.1 rad/s.

The line in the figure is given by $RR = [(-3.0 \times 10^{-8}) \times V0.1^2] + 0.001 \times V0.1 + 0.85$

Inventive examples have $RR \geq [(-3.0 \times 10^{-8}) \times V0.1^2] + 0.001 \times V0.1 + 0.85$

Where V0.1 is the viscosity in Pa-s measured at 0.1 rad/s by DMS rheology at 190 °C and V0.1 ranges from 200 to 15000 Pa-s.

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FIG. 3

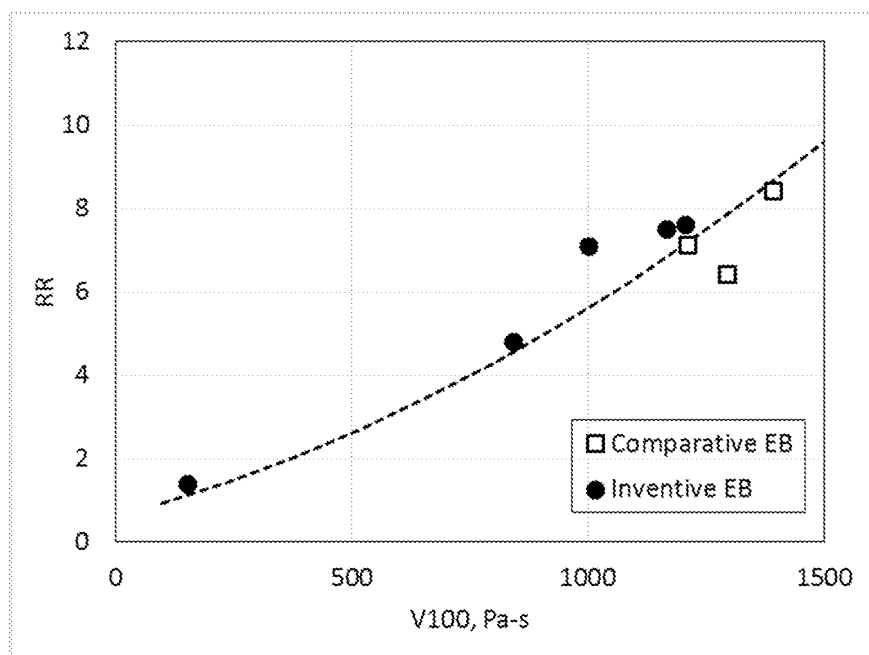


Figure 3: Rheology ratio [(viscosity measure at 0.1 rad/s) / (viscosity measured at 100 rad/s)] versus viscosity measured at 100 rad/s.

The line in the figure is given by $RR = [(2.0 \times 10^{-6}) \times (V100)^2] + (0.003 \times V100) + 0.6$

Inventive examples have $RR \geq [(2.0 \times 10^{-6}) \times (V100)^2] + (0.003 \times V100) + 0.6$

Where V100 is the viscosity in Pa-s measured at 100 rad/s by DMS rheology at 190 °C and V100 ranges from 100 to 1500 Pa-s.