

What is claimed is:

1. A polyolefin composition comprising:
 - a high molecular weight polyolefin having a density from 0.920 to 0.945 g/cm³; and
 - a low molecular weight polyolefin having an I₂ from 5 to 200 g/10 min,wherein the polyolefin composition provides a cumulative detector fraction (CDF_{LS}) at a molecular weight of $\geq 10,000,000$ g/mol of greater than 0.085.
2. The polyolefin composition of claim 1, wherein the high molecular weight polyolefin is an ethylene/1-hexene copolymer that has a high load melt index (I₂₁) from 0.45 to 1.50 g/10 min. and wherein the low molecular weight polyolefin is a polyethylene homopolymer.
3. The polyolefin composition of any one of the preceding claims, wherein the polyolefin composition provides an Environmental Stress Crack Resistance F₅₀ Condition B (10% IGEPAL) greater than 140 hours.
4. The polyolefin composition of any one of the preceding claims, wherein the polyolefin composition provides a swell (t1000) greater than 6.5 seconds.
5. The polyolefin composition of any one of the preceding claims,
 - wherein the polyolefin composition has a density from 0.930 to 0.970 g/cm³, a M_w/M_n greater than 17, a melt index (I₂₁) from 15 to 40 g/10 min, and
 - provides a G'/G'' (0.02 s⁻¹) value that is greater than $0.3087 + 0.00404 * (\text{Eta at } 0.02 \text{ s}^{-1}) / (\text{Eta at } 200 \text{ s}^{-1}) - 0.224 * \text{HMW Split}$, and
 - a G'(G''=3000 Pa) value from 1650 to 1870 Pa.
6. A polyolefin composition comprising:
 - a high molecular weight polyolefin; and
 - a low molecular weight polyolefin,wherein the polyolefin composition has a density from 0.930 to 0.970 g/cm³, a M_w/M_n greater than 17, a melt index (I₂₁) from 15 to 40 g/10 min, and

provides a G'/G'' (0.02 s^{-1}) value that is greater than $0.3087 + 0.00404 * (\text{Eta at } 0.02 \text{ s}^{-1}) / (\text{Eta at } 200 \text{ s}^{-1}) - 0.224 * \text{HMW Split}$, and a $G'(G''=3000 \text{ Pa})$ value from 1650 to 1870 Pa.

7. The polyolefin composition of claim 6, wherein the polyolefin composition provides a $G'(G''=3000 \text{ Pa})$ value that is greater than $1242.6 + 17.5 * (I_{21}/I_5) - 5.6 * I_{21}$.
8. The polyolefin composition of any one of claims 1-7, wherein the polyolefin composition has a high molecular weight split less than 50 percent.
9. The polyolefin composition of any one of claims 1-8, wherein the polyolefin composition provides a melt strength from 6.5 to 12.0 cN.
10. The polyolefin composition of any one of claims 1-9, wherein the polyolefin composition provides a top load greater than 200 grams; or wherein the polyolefin composition provides a top load less than 279 grams; or both.
11. The polyolefin composition of any one of claims 1-10, wherein the polyolefin composition has an absolute Z-average molecular weight ($M_z(\text{Abs})$) from 3,500,000 to 12,000,000 g/mol; or wherein the polyolefin composition has an absolute weight average molecular weight ($M_w(\text{Abs})$) from 350,000 to 800,000 g/mol.
12. The polyolefin composition of any one of claims 1-11, wherein the polyolefin composition has a weight Z-average molecular weight (M_z) from 1,500,000 to 5,500,000 g/mol.
13. The polyolefin composition of any one of claims 1-12, wherein the polyolefin composition provides a cumulative detector fraction (CDF_{LS}) at a molecular weight of $\geq 10,000,000 \text{ g/mol}$ of greater than 0.10; or wherein the polyolefin composition provides a cumulative detector fraction (CDF_{LS}) at a molecular weight of $\geq 10,000,000 \text{ g/mol}$ of less than 0.140; or both.
14. The polyolefin composition of any one of claims 1-13 having any one of limitations (i) to (vii):

(i) wherein the polyolefin composition has a high molecular weight split of from 39 to 49 percent;

(ii) wherein the high molecular weight polyolefin has a density from 0.937 to 0.941 g/cm³;

(iii) wherein the low molecular weight polyolefin has a melt index (I₂) from 16.5 to 129 g/10 min.;

(iv) both limitation (i) and (ii);

(v) both limitations (i) and (iii);

(vi) both limitations (ii) and (iii); and

(vii) each of limitations (i), (ii), and (iii).

15. A method of making the polyolefin composition of any one of the preceding claims, the method comprising polymerizing with a Ziegler-Natta catalyst ethylene and 1-hexene in a first fluidized bed reactor under first process conditions to make the high molecular weight polyolefin containing the olefin polymerization catalyst, transferring the high molecular weight polyolefin containing the olefin polymerization catalyst to a second fluidized bed reactor, which is in-series with the first fluidized bed reactor, and polymerizing ethylene in the second fluidized bed reactor under second process conditions so as to make the low molecular weight polyolefin, wherein the first process conditions in the first fluidized bed reactor are configured for making the high molecular weight polyolefin and the second process conditions in the second fluidized bed reactor are configured for making the low molecular weight polyolefin, thereby making the polyolefin composition.