CLAIMS

1. A composition comprising the following components:

A) an olefin multi-block copolymer that has an I2 ≤ 30 g/10 min (190 °C, 2.16 kg);

B) a propylene-based composition comprising the following:

a) a propylene-based polymer; and

b) at least one of a propylene/alpha-olefin interpolymer, a propylene/ethylene interpolymer, and an ethylene/alpha-olefin interpolymer;

wherein the propylene-based composition has a Tm_h (highest melting point) ≥ 130°C; and wherein the composition comprises from 40 wt% to 85 wt% of components A and B, based on the weight of the composition; and wherein the composition comprises a tensile modulus from 20 to 100 MPa in accordance with ISO 527-3, a tensile strength >7 MPa in accordance with ISO 527-3, and good weldability ('pass' for a welding test, wherein a 'pass' for the welding test is that during the pulling of a welded strip with a seam of the composition, the seam remains intact).

2. The composition of claim 1, further comprising component C) at least one flame retardant, and wherein subcomponent b) of component B) is a propylene/alpha-olefin interpolymer, a propylene/ethylene interpolymer, or an ethylene/alpha-olefin interpolymer.

3. The composition of claim 1 or claim 2, wherein the weight ratio of component B to component A ≥ 1.0.

4. The composition of any one of the previous claims, wherein the weight ratio of component B to component A is from 1.5 to 25.0.

5. The composition of any one of the previous claims, wherein component B is present in an amount ≥ 25 wt%, or ≥ 30 wt%, based on the weight of the composition.

6. The composition of any one of the previous claims, wherein the olefin multi-block copolymer of component A is an ethylene/alpha-olefin multi-block copolymer.

7. The composition of any one of the previous claims, wherein component A has a melt index (190°C, 2.16 kg) from 0.5 to 30 g/10 min.

8. The composition of any one of the previous claims, wherein component A has a density from 0.860 to 0.890 g/cc.

9. The composition of any one of the previous claims, wherein component B has a melt flow rate (230°C, 2.16 kg) ≤ 10 g/10 min.

10. The composition of any one of the previous claims, wherein component B has a density from 0.870 to 0.910 g/cc.

11. The composition of any one of the previous claims, wherein, for component B, subcomponent a is a polypropylene homopolymer, and subcomponent b is a propylene/ethylene copolymer.

12. The composition of any one of the previous claims, wherein component B is an in-reactor blend or alloy.

13. The composition of any one of the previous claims, wherein component B is an impact copolymer polypropylene.

~~14. The composition of any one of the previous claims, wherein the composition further comprises a tensile modulus ≤ 100 MPa in accordance with ISO 527-3, a tensile strength ≥ 7 MPa in accordance with ISO 527-3, and good weldability.~~

14. The composition of any one of the previous claims, wherein the composition comprises 40 wt% to 80 wt% of components A and B, based on the weight of the composition.

15. The composition of any one of the previous claims, wherein the composition comprises from 5.0 wt% to 30 wt% of component A, based on the weight of the composition.

~~15~~16. An article comprising at least one component formed from the composition of any one of the previous claims.

17. A composition comprising the following components:

A) an olefin multi-block copolymer that has an I2 ≤ 30 g/10 min (190 °C, 2.16 kg);

B) a propylene-based composition comprising the following:

a) a propylene-based polymer; and

b) at least one of a propylene/alpha-olefin interpolymer, a propylene/ethylene interpolymer, and an ethylene/alpha-olefin interpolymer;

wherein the propylene-based composition has a Tm_h (highest melting point) ≥ 130°C; and

wherein the composition comprises from 5.0 wt% to 30 wt% of component A, based on the weight of the composition; and wherein the composition comprises a tensile modulus from 20 to 100 MPa in accordance with ISO 527-3, a tensile strength >7 MPa in accordance with ISO 527-3, and good weldability ('pass' for a welding test, wherein a 'pass' for the welding test is that during the pulling of a welded strip with a seam of the composition, the seam remains intact).

18. The composition of claim 17, wherein the composition comprises from 5.0 wt% to 25 wt% of component A, based on the weight of the composition.

19. The composition of claim 17 or 18, wherein the composition comprises from 40 wt% to 85 wt% of components A and B, based on the weight of the composition.

20. An article comprising at least one component formed from the composition of any one of claims 17 to 19.