~~Claims~~

CLAIMS

~~1.~~ 1. A polymer composition comprising

~~(A)~~ (A) a polyolefin;

~~(B)~~ (B) one or more impact modifier(s);

~~(C)~~ (C) one or more fluoropolymer(s);

~~(D)~~ (D) one or more clarifying agent(s); and

~~(E)~~ (E) one or more dispersing agent(s) in an amount of equal to or more than 100 ppm, based on the total weight amount of the polymer composition.

wherein the weight ratio of the one or more fluoropolymer(s) (C) to the one or more dispersing agent(s) (E) in the polymer composition is in the range of from 1.2 : 1 to 4 : 1.

~~2.~~ 2. The polymer composition according to claim 1, wherein the polyolefin (A) is a propylene based polymer.

~~3.~~ 3. The polymer composition according to any one of the preceding claims, wherein the impact modifier(s) (B) is/are selected from the group consisting of ethylene- propylene rubber (EPR), ethylene-propylene-diene monomer (EPDM), polyethylene and plastomer.

~~4.~~ 4. The polymer composition according to any one of the preceding claims, wherein the fluoropolymer(s) (C) is/are polymers comprising one or more monomers selected from the group consisting of vinylidene fluoride, hexafluoropropylene, tetrafluoroethylene, chlorotrifluoroethylene, perfluoro(alkyl vinyl ether), and combinations thereof.

~~5.~~ 5. The polymer composition according to any one of the preceding claims, wherein the clarifying agent(s) (D) is/are selected from the group consisting of sorbitol based clarifying agents.

~~6.~~ 6. The polymer composition according to any one of the preceding claims, wherein the dispersing agent(s) (E) is/are selected from the group consisting of polyalkylene oxides.

~~7.~~ 7. The polymer composition according to any one of the preceding claims comprising

~~(A)~~ (A) from 85 to 96 wt% of a multimodal propylene random copolymer;

~~(B)~~ (B) from 4.0 to 6.0 wt% of a multimodal copolymer of ethylene with at least two different comonomer units selected from alpha-olefins having from 3 to 12 carbon atoms;

~~(C)~~ (C) from 100 to 1000 ppm of a terpolymer of vinylidene fluoride, tetrafluoroethylene, and hexafluoropropylene;

~~(D)~~ (D) from 100 to 5000 ppm of 1,3 : 2,4-bis(3,4-dimethylbenzylidene) sorbitol (DMDBS); and

~~(E)~~ (E) from 100 to 750 ppm of polyethylene glycol,

wherein all weight amounts are based on the total weight amount of the polymer composition.

~~8. The polymer composition according to any one of the preceding claims wherein the weight ratio of the one or more fluoropolymer(s) (C) to the one or more dispersing agent(s) (E) in the polymer composition is in the range of from 1.2 : 1 to 4 : 1.~~

~~9.~~ 8. The polymer composition according to any one of the preceding claims having a melt flow rate MFR_2 (2.16 kg, 230°C) of from 1.0 to 5.0 g/10 min.

~~10.~~ 9. An article comprising the polymer composition according to any one of the preceding claims.

~~11.~~ 10. The article according to claim ~~10~~9 being a blow molded article.

~~12.~~ 11. The article according to any one of claims ~~10~~9 or ~~11~~10 being an extrusion blow molded (EBM) bottle~~.~~

~~13.~~ 12. The article according to claim ~~12~~11 having a haze of not more than 35.0%, measured according to ASTM D 1003.

~~14.~~ 13. The article according to claims ~~12~~11 or ~~13~~12 having a gloss at an angle of 20°C on the inner side of the bottle of at least 31.0% and/or a gloss at an angle of 20°C on the outer side of the bottle of at least 32.0%.

~~15.~~ 14. The article according to any one of claims ~~12~~11 to ~~14~~13 having gloss at an angle of 60°C on the inner side of the bottle of at least 94.0% and/or a gloss at an angle of 60°C on the outer side of the bottle of at least 93.0%.

~~16.~~ 15. The article according to any one of claims ~~12~~11 to ~~15~~14 having at least one of the following properties:

a bottle quality index at an angle of ~~20°~~20° (BQI-20) of at least 1.54, calculated as follows: BQI-20 = log((gloss 20 IN ⍰ gloss 20 OUT ⍰ thickness) / haze);

a bottle quality index at an angle of 60° (BQI-60) of at least 2.48, calculated as follows: BQI-60 = log((gloss 60 IN ⍰ gloss 60 OUT ⍰ thickness) / haze); and/or

a combined bottle quality index (BQF) of at least 2.53, calculated as follows:

BQF = log(((gloss 20 IN · gloss 20 OUT) + (gloss 60 IN · gloss 60 OUT) · thickness~~) /~~)/ haze).

~~17.~~ 16. Use of the polymer composition according to any one of claims 1 to ~~9~~8 for reducing haze and improving gloss of an extrusion blow molded (EBM) bottle.