

Patent claims

1. A composition Z comprising a component A, component B and /or C, and component D, wherein
5 the component A is a thermoplastic material selected from the group consisting of polyolefins, polyolefin copolymers and polystyrenes;
the component B is an organic additive selected from the group consisting of glycerol, a polyglycerol, a glycerol ester, a polyglycerol ester and a combination thereof;
10 the component C is an organic additive selected from the group consisting of sorbitol, a sorbitol ester, sorbitan, a sorbitan ester, and a combination thereof;
the component D is an inorganic additive selected from the group of layered double hydroxides.
- 15 2. The composition as claimed in claim 1, wherein component B is present in an amount of from 0.05 to 20 %, based on the total weight of composition Z.
3. The composition as claimed in any of the preceding claims, wherein component C is present in an amount of from 0.05 to 20 %, by weight, based on
20 the total weight of composition Z.
4. The composition as claimed in any of the preceding claims, wherein component D is present in an amount of from 0.05 to 30 %, based on the total weight of composition Z.
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5. The composition as claimed in any of the preceding claims, wherein component D is a hydrotalcite.
6. The composition as claimed in any of the preceding claims, wherein
30 composition Z further comprises one or more further additives as component E.
7. The composition as claimed in claim 6, wherein component E is a colorant.

8. The composition as claimed in any of the preceding claims, wherein the composition Z contains
of from 14 to 99.98 % by weight of component A;
of from 0.01 to 70 % by weight of component B and/or C;
5 of from 0.01 to 80 % by weight of component D;
of from 0 to 80% by weight component E;
with the % by weight being based in each case on the total weight of the composition Z; and with the weight percent of the components A, B and/or C, D and optionally E always adding up to 100 %.
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9. A method for preparing composition Z as claimed in any of the preceding claims, comprising the step of physically mixing components A, B and/or C, D, and optionally E.
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10. Use of a component Z as claimed in any of the preceding claims as a release composition in thermoplastic materials which materials are polyolefins, polyolefin copolymers and/ or polystyrenes.
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11. A formed plastic article comprising said composition Z as claimed in any of the preceding claims.
12. The formed plastic article as claimed in claim 11 which is a packaging material, a film or a sheet.
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13. The formed plastic article as claimed in claim 12, wherein the packaging material is a container.
14. The formed plastic article as claimed in claim 13, wherein the container contains personal care, cosmetics, pharmaceutical, household, industrial, food or
30 beverage products.
15. The formed plastic article as claimed in claims 11 to 14, wherein said article is a single layer or a multilayer article.