

1. A container (1) for foodstuff, said container comprising a tray (2) formed from a sheet of material comprising ~~one or~~ more [than one](#) layers, where the material of each of the layers of the formed tray comprises at least 85 % of amorphous polyethylene terephthalate, said tray comprising a bottom part (4), one or more side walls (5) and a peripheral sealing rim (6) at its top, said sealing rim having a substantially flat upward facing sealing surface (7), wherein, in addition to the material from which the tray is made, the sealing surface is provided with a layer of an adhesive (8) along the full circumference of the tray.
2. A container according to claim 1, wherein the material of each of the layers of the formed tray has an intrinsic viscosity between 0.6 dl/g and 1.1 dl/g, preferably between 0.7 dl/g and 0.9 dl/g, most preferably between 0.7 dl/g and 0.8 dl/g.
3. A container according to claim 1 or 2, wherein the amorphous polyethylene terephthalate comprises up to 15 %, preferably between 1.5 % and 2 %, of a comonomer.
4. A container according to claim 3, wherein the comonomer is isophthalic acid (IPA), cyclohexanedimethanol (CHDM) or diethylene glycol.
5. A container according to any of the preceding claims, wherein the thickness of material of the tray is between 200 µm and 1200 µm.
6. A container according to any of the preceding claims, wherein the adhesive is of a type that reaches a free flowing state at a temperature below 150 °C and is solid and non-tacky at room temperature.
7. A container according to any of the preceding claims, wherein the adhesive comprises an ethylene copolymer, an ethylene terpolymer or a blend of such polymers, as well as a wax.
8. A container according to claim 7, wherein the adhesive comprises between 10 % and 60 % of a petroleum wax or a polyethylene wax and between 40 % and 90 % of an ethylene copolymer, an ethylene terpolymer or a blend of such polymers.
9. A container according to claim 7 or 8, wherein the ethylene copolymer(s) and/or ethylene terpolymer(s) comprise at least 60 % of ethylene, at least 5 % of a first monomer, said first monomer being chosen from the list containing: vinyl acetate, methacrylic acid, alkyl acrylate and alkyl methacrylate, and optionally between 0.1 % and 5 % of a second monomer, said second monomer being chosen from the list containing: maleic acid, maleic anhydride, fumaric acid, acrylic acid and glycidyl methacrylate.
10. A container according to any of the preceding claims further comprising a lid (3), which is bonded to the tray by means of the adhesive forming a gas-proof seal along the sealing rim.

11. A container according to claim 10, wherein the lid is hard and dimensionally stable.
12. A container according to claim 11, wherein the thickness of material of the hard and dimensionally stable lid is between 200 μm and 1200 μm .
13. A container according to claim 11 or 12, wherein the hard and dimensionally stable lid is made of amorphous polyethylene terephthalate.
14. A container according to claim 10, wherein the lid consists of a soft and flexible lidding film.
15. A container according to claim 14, wherein the thickness of material of the soft and flexible lid is between 15 μm and 100 μm .
16. A container according to claim 14 or 15, wherein the soft and flexible lid is made of polyethylene terephthalate.
17. A container according to any of claims 10-16, wherein at least a part of a lower surface of the lid is coated with a sealing layer of polyethylene, polyethylene copolymer or polyethylene terpolymer in order to be better adapted to be bonded to the sealing rim by a sealing process involving the use of heat and pressure.
18. A method of producing a container for foodstuff, said method comprising the steps of: forming a tray made from a sheet of material comprising ~~one or~~ more than one layers, where the material of each of the layers of the formed tray comprises at least 85 % of amorphous polyethylene terephthalate, said tray comprising a bottom part, one or more side walls and a peripheral sealing rim at its top, said sealing rim having a substantially flat upward facing sealing surface; and providing the sealing surface with a layer of an adhesive along the full circumference of the tray.
19. A method according to claim 18, wherein the step of forming the tray includes thermoforming of the tray from a sheet of the material from which the tray is to be formed.
20. A method according to claim 18 or 19, wherein the step of providing the sealing surface with a layer of adhesive includes application of the adhesive by means of roll coating.
21. A method according to any of claims 18-20, wherein the adhesive is of a type that reaches a free flowing state at a temperature below 150 $^{\circ}\text{C}$ and is solid and non-tacky at room temperature.
22. A method according to any of claims 18-21 further comprising a step of bonding a lid to the sealing surface of the tray by means of a process that involves heat activation of the adhesive.