CLAIMS

1. A clothing fragrance-retaining particle composition, comprising a pellet core and a coating layer of the pellet core; wherein

the pellet core comprises the following components in parts by mass:

water-soluble particle	10-30 parts
adsorbent	5-30 parts
essence	2-15 parts
fragrance-retaining agent	0.1-10 parts
adhesive	10-30 parts
filler	1-10 parts

the coating layer comprises the following components in parts by mass:

excipient	1-10 parts
adhesive	0.01-5 parts
accessory agent	0.01-5 parts

wherein the fragrance-retaining agent is selected from acrylamide copolymer;

comonomers of the acrylamide copolymer comprise (3-acrylamidopropyl)trimethylammonium chloride, acrylamide, nonylphenol polyoxyethylene ether acrylate and acrylic acid; and

the adsorbent is lauric acid modified silicon dioxide.

2. The clothing fragrance-retaining particle composition according to claim 1, wherein the accessory agent is selected from one or more of dye, cationic polymer and inorganic salt.

3. The clothing fragrance-retaining particle composition according to claim 1, wherein the essence is selected from one or more of liquid essence and microcapsule essence.

4. The clothing fragrance-retaining particle composition according to claim 1, wherein the excipient is selected from one or more of titanium pigment, calcium carbonate powder, titanium powder, calcium silicate, silicon dioxide, kaolin, montmorillonite powder and mica powder.

5. A preparation method of the clothing fragrance-retaining particle composition according to claim 1, comprising the following steps:

S1. preparing a fragrance-retaining agent:

adding comonomers to water, stirring until dissolving to obtain a solution, adjusting a pH

of the solution, adding an initiator under the protection of nitrogen, carrying out heating reaction, and purifying to obtain the fragrance-retaining agent;

S2. preparing an adsorbent:

adding silicon dioxide to a liquid lauric acid, performing ultrasonic treatment, carrying out heating reaction, and purifying to obtain the adsorbent.

6. The preparation method of the clothing fragrance-retaining particle composition according to claim 5, wherein a mass ratio of (3-acrylamidopropyl)trimethylammonium chloride to acrylamide to nonylphenol polyoxyethylene ether acrylate to acrylic acid in the comonomers is 10-20 : 5-30 : 5-10 : 1-15.

7. The preparation method of the clothing fragrance-retaining particle composition according to claim 5, wherein the initiator is selected from one or more of ammonium persulfate and potassium persulfate.

8. The preparation method of the clothing fragrance-retaining particle composition according to claim 5, wherein in the step S1, the heating reaction has a temperature of 45-75°C, and a duration of 24-40 h; and in the step S2, the heating reaction has a temperature of 70-90°C, and a duration of 0.5-3 h.

9. The preparation method of the clothing fragrance-retaining particle composition according to claim 5, further comprising the following steps:

S3. pouring water-soluble particle, the adsorbent, the adhesive, the fragrance-retaining agent and the filler into a pelletizing device;

S4. mixing essence with a sufficient amount of water to form a spraying solution, performing spraying pelletization to obtain pellet core, and drying to obtain pellet core; and

S5. mixing excipient, adhesive, accessory agent and water to prepare and obtain a coating solution, spraying the coating solution on surface of the pellet core to form a coating layer, and drying the pellet core to obtain the clothing fragrance-retaining particle composition.