CLAIMS

1. Heat storage particles comprising:

a core portion containing a material for heat storage; and

a shell portion containing polyurethane polyurea,

wherein a volume average particle diameter is 100 to 500 μm,

the material for heat storage contains a fatty acid ester and a fatty acid,

the polyurethane polyurea has a constitutional unit derived from an aliphatic polyisocyanate or modified product thereof,

the polyurethane polyurea has a constitutional unit derived from at least one selected from the group consisting of polyether polyol, polybutadiene polyol, hydrogenated polybutadiene polyol and ethylene glycol.

2. Heat storage particles comprising:

a core portion containing a material for heat storage; and

a shell portion containing polyurethane polyurea,

wherein a volume average particle diameter is 100 to 500 μm,

the material for heat storage contains a fatty acid ester and a fatty acid,

the polyurethane polyurea has a constitutional unit derived from a polybutadiene polyol or hydrogenated polybutadiene polyol having a hydroxy value of 25 to 80 KOHmg/g.

3. The heat storage particles according to claim 2,

wherein the polyurethane polyurea has a constitutional unit derived from an aliphatic polyisocyanate or modified product thereof.

4. The heat storage particles according to claim 2 or 3,

wherein the polyurethane polyurea has a constitutional unit derived from an aliphatic polyhydric alcohol having 1 to 20 carbon atoms.

5. The heat storage particles according to any one of claims 1 to 4,

wherein the material for heat storage contains methyl hexadecanoate, methyl tetradecanoate, and stearic acid.

6. A method for producing the heat storage particles according to any one of claims 1 to 5, the method comprising:

dispersing a raw material composition including a material for heat storage, a polyisocyanate, and a polyol in a dispersion medium containing water.

7. A heat storage material comprising:

the heat storage particles according to any one of claims 1 to 5.