

DS 4202-3

VISCOSTAR® 4202

International
Starch
Trading

VISCOSTAR® 4202 is a food grade modified starch. GMO-free.

Properties:

| | | |
|------------------------|-----------------------------|-----------------|
| Colour: | White to off-white | |
| Form: | Powder | |
| Bulk density: | Approx. 700 g/l | |
| Moisture: | Max. 14% | <i>ISO 1741</i> |
| pH: | 4.5 – 6.5 | <i>ISI 26</i> |
| Ash: | Max. 0.5% | <i>ISI 02</i> |
| Whiteness: | Min. 90 | <i>ISI 44</i> |
| SO₂: | Max. 30 ppm | <i>ISI 20</i> |
| Viscosity: | Min. 400 peak _{6%} | <i>ISI 19</i> |

When cooked in water the gel appears translucent and clear with a neutral taste. The gelatinization temperature is low and resistance against retrogradation is good. High water absorption and expandability.

Properties of the cooked gel:

| | |
|------------------------|--------|
| Heat resistance | Medium |
| Shear resistance | Medium |
| Freeze-thaw resistance | Medium |
| Acid resistance | Low |

Applications:**Bakery products:**

| | |
|--------|-----------|
| Breads | excellent |
| Cakes | good |

Meat:

| | |
|------------------|------|
| Sausage products | good |
| Ham | good |

Fish:

| | |
|--------|------|
| Surimi | good |
|--------|------|

Sauces and dressings:

| | |
|--------|------|
| Sauces | good |
|--------|------|

| | |
|------------------------------|-----------|
| Gravies / marinated products | excellent |
|------------------------------|-----------|

Other:

| | |
|-----------------|-----------|
| Noodles | excellent |
| Extruded snacks | excellent |

Label Declaration:

VISCOSTAR® 4202 is labelled "Modified Starch".

EU regulation: E 1420

CAS: 9045-28-7

Packing:

20 kg paper valve bag or big bag.

Store in a clean and dry place.

Tariff Code:

EU: 3505.10.50.00

US: 3505.10.50.00

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