

DS 4222-3	VISCOSTAR® 4222	 International Starch Trading
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<p><i>VISCOSTAR® 4222</i> is a food grade modified starch. GMO-free.</p> <p>Properties:</p> <p>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></p> <p>When cooked in water the gel appears clear to cloudy with a neutral taste. It has a smooth and heavy flow texture with little tendency to retrogradation. It prevents water release in products.</p> <p>Properties of the cooked gel:</p> <table border="1" style="width: 100%;"> <tr> <td>Heat resistance</td> <td style="text-align: center;">High</td> </tr> <tr> <td>Shear resistance</td> <td style="text-align: center;">High</td> </tr> <tr> <td>Freeze-thaw resistance</td> <td style="text-align: center;">Medium</td> </tr> <tr> <td>Acid resistance</td> <td style="text-align: center;">Medium</td> </tr> <tr> <td>Salt resistance</td> <td style="text-align: center;">Medium</td> </tr> </table>	Heat resistance	High	Shear resistance	High	Freeze-thaw resistance	Medium	Acid resistance	Medium	Salt resistance	Medium	<p>Applications:</p> <table border="1" style="width: 100%;"> <tr> <td colspan="2">Bakery products:</td> </tr> <tr> <td style="text-align: center;">Cakes</td> <td style="text-align: center;">good</td> </tr> <tr> <td style="text-align: center;">Fruit Fillings / Toppings</td> <td style="text-align: center;">excellent</td> </tr> <tr> <td colspan="2">Sauces and dressings:</td> </tr> <tr> <td style="text-align: center;">Sauces</td> <td style="text-align: center;">excellent</td> </tr> <tr> <td style="text-align: center;">Gravies / marinated products</td> <td style="text-align: center;">excellent</td> </tr> <tr> <td style="text-align: center;">Canned products</td> <td style="text-align: center;">good</td> </tr> <tr> <td colspan="2">Other:</td> </tr> <tr> <td style="text-align: center;">Noodles</td> <td style="text-align: center;">good</td> </tr> </table> <p>Label Declaration:</p> <p><i>VISCOSTAR® 4222</i> is labelled "Modified Starch".</p> <p>EU regulation: E 1422</p> <p>Packing:</p> <p>25 kg paper valve bag or big bag. Store in a clean and dry place.</p> <p>CAS no.: 68130-14-3</p> <p>Tariff Code:</p> <p>EU: 3505.10.50.00 US: 3505.10.50.00</p>	Bakery products:		Cakes	good	Fruit Fillings / Toppings	excellent	Sauces and dressings:		Sauces	excellent	Gravies / marinated products	excellent	Canned products	good	Other:		Noodles	good
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