

# food

## RESINDION RESINS FOR FOOD TREATMENTS

TDS110329

DIAION UBK530 - Unibeads Resin

TDS 110329

### DIAION UBK530

DIAION UBK530 is a sulphonated copolymer of styrene and DVB, produced in a uniform and calibrated bead size for applications in chromatographic processes.

Its structure based on an oriented crosslinking degree grants optimal and constant separation performances during the time.

The main industrial application is the recovery of sugars from ionic components, according to the ion exclusion principle.

Its composition complies with the existing food processing rules and regulations.

### TYPICAL CHARACTERISTICS

<b>Matrix</b>	:	<b>Gel copolymer styrene-DVB</b>
<b>Functional group</b>	:	<b>Sulphonic</b>
<b>Colour and physical form</b>	:	<b>Brown translucent beads</b>
<b>Integrity</b>	:	<b>95% min</b>
<b>Particle size range</b>	:	<b>200 ÷ 240 µm (85% min)</b>
<b>Uniformity coefficient</b>	:	<b>1.1 max</b>
<b>Ionic form at the delivery</b>	:	<b>Na<sup>+</sup></b>
<b>Total exchange capacity</b>	:	<b>1.6 eq/l min</b>
<b>Moisture content</b>	:	<b>52.0 ÷ 55.5 %</b>
<b>pH stability range</b>	:	<b>0 ÷ 14</b>
<b>Operating temperature</b>	:	<b>120°C max</b>
<b>Shipping density</b>	:	<b>825 g/l approx.</b>

**Resindion** S.r.l.

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