

DIAION UBK550

DIAION UBK550 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

Matrix	:	Gel copolymer styrene-DVB
Functional group	:	Sulphonic
Colour and physical form	:	Light brown translucent beads
Integrity	:	95% min
Particle size range	:	200 ÷ 240 µm (85% min)
Uniformity coefficient	:	1.1 max
Ionic form at the delivery	:	Na⁺
Total exchange capacity	:	1.9 eq/l min
Moisture content	:	46 ÷ 49.5 %
pH stability range	:	0 ÷ 14
Operating temperature	:	120°C max
Shipping density	:	825 g/l approx.