

DIAION UBK535

DIAION UBK535 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 chromatographic separation of starch hydrolysates and polyols.

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	:	Brown translucent beads
Integrity	:	95% min
Particle size range	:	190 ÷ 240 µm (90% min)
Uniformity coefficient	:	1.1 max
Ionic form at the delivery	:	Ca⁺⁺ (98 % min)
Total capacity	:	1.6 eq/l min
Moisture content	:	48 ÷ 52 %
pH stability range	:	0 ÷ 14
Operating temperature	:	120°C max
Shipping density	:	845 g/l approx.