

food

RESINDION RESINS FOR FOOD TREATMENTS

TDS110324

DIAION HP2MGL - Synthetic Adsorbent

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DIAION HP2MGL

DIAION HP2MGL is a new type of synthetic adsorbent with a methacrylic highly porous matrix, having a calibrated pore structure and a low hydrophobicity value.

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

APPLICATIONS

- Natural and synthetic dyes removal and recovery
- Antibiotics recovery and purification
- Decolorization of sugar solutions
- Vitamines, enzymes, proteins recovery and purification
- Treatment of waste effluents in the kraft pulp production
- Surfactants removal.

TYPICAL CHARACTERISTICS

Colour and physical form	:	White	opaque	spherical beads
Moisture content at delivery	:	55 ÷ 65	%	
Pore volume	:	1.3	ml/g	approx.
Specific surface area	:	570	m ² /g	approx.
Mode radius	:	240	Angstrom	
Particle size range	:	0.35 ÷ 0.85	m m	
Effective size	:	0.40 min	m m	
Uniformity coefficient	:	1.6	max	
Operating pH range	:	0 ÷ 14		
Standard packaging	:	25 or 1000	liter bags	
Shipping density	:	710 g/l	approx.	
Swelling tendency				
- water	:	1.0		
- methanol	:	1.01	approx.	
- acetone	:	1.06	approx.	
Specific gravity	:	1.09	g/ml	approx.

Resindion S.r.l.

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