

PRODUCT DATA SHEET

Praesto® Epoxy

Highly Cross Linked Pre-Activated
Agarose Base Matrix

PRINCIPALELE APLICATII

- Protein purification (20-500 kDa)
- Production of customized affinity chromatography media

AVANTAJE

- High productivity
- High capacity
- Enhanced pressure/flow performance
- Secure, validated supply and regulatory support

APROBARI DE REGLEMENTARE

- Manufactured under GMP conditions

AMBALAJE TIPICE

- Bulk Resin
- Production-Scale OPUS® Columns
- OPUS® Robocolumns®
- OPUS® MiniChrom Columns
- HT Columns

CARACTERISTICI TIPICE FIZICE SI CHIMICE

structura polimerului	Highly cross linked agarose
Aspect	Spherical beads
grupare functionala	Epoxy
Chemical stability	After coupling - All commonly used aqueous buffers, 2M NaOH, 8M urea, 6M guanidine HCl, 30% isopropanol, 70% ethanol, 30% acetonitrile and commonly used detergents
Particle Size - µm	45, 65, 90 µm
Pressure/flow (min.) - at 3 bar in a 2.6 x 20 cm column (pressure-packed at 4 bar)	200 cm/h
Exclusion limit for globular proteins	10 ⁷ Daltons
pH stability, CIP (short term)	2 - 13
pH stability, working range	2 - 13
Recommended Storage	100% IPA - 2 - 8 °C
Recommended Storage	20% EtoH (after coupling)



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