

25L Performance Deionisation Resin

PMB-115



Features

Appearance	Amber spherical beads
Functional Groups	Sulfonic acid / Quaternary Ammonium, Type 1
Polymer Matrix Structure	Gel Polystyrene cross-linked with divinylbenzene (DVB)
Ionic Form	H+ / OH-

Operating Specifications

Operating Temperature °C (°F)	<60 (<140)
Pressure Loss psi (bar)	<25 (<1.7)
Service Flow Rate BV/h	8 - 40
PH Range	2 - 12
Minimum Bed Depth mm	>600

Physical & Chemical Properties

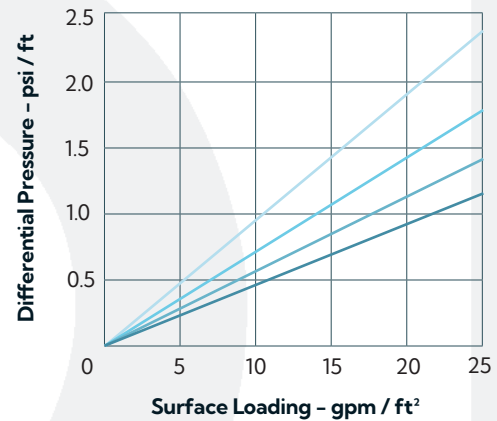
Particle Size Range %	0.40 - 1.25mm ≥ 95
Moisture Retention %	55 - 60
Total Exchange Capacity Cation / Anion eq/L	≥ 1.9 / ≥ 1.0
Volume Ratio Cation / Anion %	40 / 60
Uniformity Coefficient	<1.7
Whole Uncracked Beads After Attrition %	≥ 95
Shipping Weight g/ml	0.69 - 0.75

Hydraulic Properties

Temperatures



Differential Pressure



Backwash Expansion

