



FICHA TÉCNICA

Producto: Hidrogel ALQ0003

Los datos expresados a continuación, en estas especificaciones, reproducen los datos facilitados por nuestro proveedor.

Water and nutrients for improved plant growth	
Physical Properties	STOCKOSORB 660 Powder STOCKOSORB 660 Medium STOCKOSORB 660 Micro STOCKOSORB 660 XL
Basis	Crosslinked polyacrylic acid homopolymer partially potassium neutralised
Appearance	Free flowing white granules
Particle Size Distribution [mm]	660 Powder: < 0.2 660 Medium: 1.0 – 2.5 660 Micro: 0.2 – 1.0 660 XL: 2.0 –4.0
Bulk density [g/l]	660 Powder: 600 ± 100 660 Medium: 550 ± 100 660 Micro: 600 ± 100 660 XL: 450 ± 100
Solubility	Insoluble in water – swell to gel upon contact with aqueous solutions
pH-value (1g/l H ₂ O)	7.0 – 8.5
Minimum Absorption – Under free swelling conditions	
1) Deionized water [ml/g]	660 Powder: > 240 660 Medium: > 260 660 Micro: > 260 660 XL: > 250
2) Tap-Water [ml/g] (1.3 mmol / l CaCO ₃)	660 Powder: > 160 660 Medium: > 180 660 Micro: > 180 660 XL: > 165
Minimum Absorption – In different soil types	
Loess soil	660 Powder: > 110 660 Medium: > 120 660 Micro: > 120 660 XL: > 115
Sandy soil	660 Powder: > 105 660 Medium: > 110 660 Micro: > 110 660 XL: > 105
Toxicology / Ecology	Nontoxic for plants and soil organisms and does not pollute ground water according to OECD – Test
Residual Monomers Acrylic acid [mg/kg]	< 600

Los datos contenidos en este certificado los facilitamos a titulo informativo, ellos no eximen al comprador de realizar su propio control de entrada para su aceptación.