

STOCKOSORB® 660

Technical Data Sheet

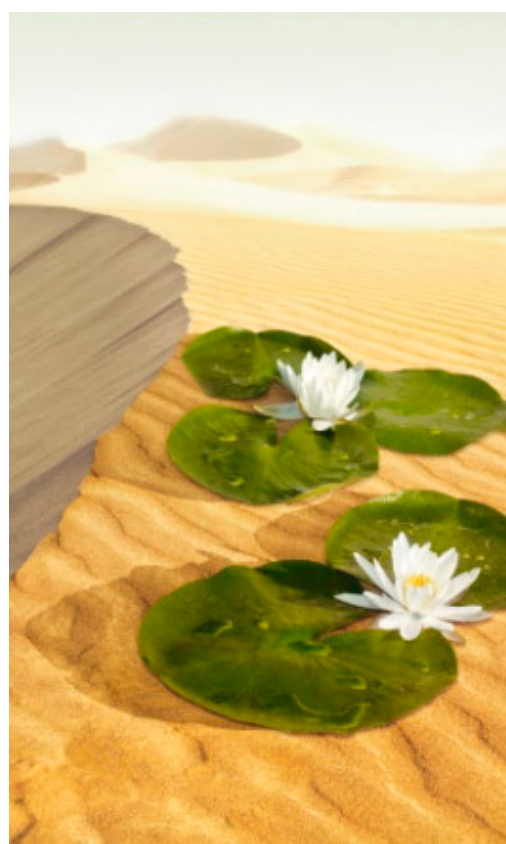
Water and nutrients for improved plant growth

Physical Properties **660 Medium**
 660 Micro

Basis	Polyacrylic acid - Potassium salt, crosslinked
Appearance	free flowing white granules
Particle Size Distribution [mm]	660 Medium 0.8 - 2.0 660 Micro 0.2 - 0.8
Solubility	insoluble in water and organical solutions; swells to a gel upon contact with aqueous fluids
pH-Value (1g/IH₂O)	7.0 - 8.0
Maximum Absorption > Free swelling conditions <	
1) 0,125% NPK 14-12-14 2MgO	> 150 mL/g
2) Tap Water (hardness grade 4)	> 100 mL/g
3) Synth. soil solution	> 60 mL/g
Absorption Against Soil Pressure >Use conditions in soil at 20 cm depth <	
1) 0,125% NPK 14-12-14 2MgO	> 80 g/g
2) Tap Water (hardness grade 4)	> 30 g/g
3) Synth. soil solution	> 20 g/g
Water available for plants	> 95 %

General Information

STOCKOSORB® Soil Conditioner increases the utilizable water holding capacity of soils and potting mixes. By applying STOCKOSORB® the frequency of irrigation, as well as the leaching of valuable nutrients are reduced. Plant growth is improved and water can be saved.



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Toxicology / Ecology	non toxic for plants, soil organism and ground water according to OECD - Test Ecology
Residual Monomers [mg/kg] Acrylic acid	< 600

Packaging

STOCKOSORB® 660 is available in the following packaging:

Container	Volume
Paper bags with two layer of polyethylene inliners, 40 bags on a pallet	25 kg
Big bag	700 kg, 660 Medium
Big bag	900 kg, 660 Micro

Storage Stability

STOCKOSORB® 660 can be stored in closed packaging under dry conditions and ambient room temperatures.

Please contact us for any further information

Legal References

This information is based on our careful investigations and experiences but represents non-binding consultation and does not relieve you of the obligation to investigate our results and procedures for their applicability to your own use. This applies with regard to safeguarding the patent rights of third parties. We reserve the right to modify the information given here on the basis of further technical development of the product. Status: January, 2005

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