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## **SPECIFICATION**

### **MANGANESE GREEN SAND.**

#### **Physical Characteristic**

Color	=	Dark Brown
Apparent Density	=	1.35g/ml
Effective Size	=	0.8mm – 1.5mm
Uniformity Coefficient	=	Less then 1.7

#### **Condition For Operation**

pH	=	6.5-8.5
Maximum Pressure Drop	=	0.85bar
Backwash rate	=	30% expansion (min)
Service Flow rate	=	5-12M/Hr
Minimum Bed Depth	=	100cm
Capacity	=	1.2gm of Fe/l
Freeboard	=	30-50%

#### **DESCRIPTION AND USES**

Manganese Greensand is a dark brown filter media, processed from natural zeolite granular used for removing soluble iron, manganese and hydrogen sulfide from well water supplies. It also can be used in a completely closed pressure system no aeration and repumping or in an open system. Regeneration is rarely needed due to special high efficiency of manganese compound coated on zeolite granular.

This technical information is submitted on the basis of our own testing and testing of independent laboratories, and Laqua's believe it is accurate. However, no guarantee of its accuracy is made neither can we cover every possible application of our products nor can we anticipate every variation encountered in manufacturing equipment and methods. Moreover, gravel is process from natural resources and therefore, we cannot guarantee uniformity in chemicals and physical properties. For this reason the variation in chemicals and physical properties must be allow and the purchasers should conduct their own tests to determine the suitability of such products for their particular purpose.