



1. Product Information

Product Name	IM 40 Dried Sand
Product ID	IM40 Sand
Colour	Off-White
Description	High purity quartz sand. Medium to high sphericity, sub-rounded to rounded grains.
Uses	Water filtration, Turf Sands, adhesives, rendering, paints, high strength/white concrete
Size Range	0.212 mm – 0.710 mm

2. Typical Physical and Chemical Analysis

Sieve Size (mm)	Average 2020	
	Passing %	Retained %
0.850	100	0.0
0.600	96.0	4.0
0.500	80.0	16.0
0.425	50.0	30.0
0.300	14.0	36.0
0.212	4.0	10.0
0.150	1.0	3.0
0.075	0.2	0.8
PAN		0.2
MOISTURE CONTENT	< 0.4	
EFFECTIVE SIZE	0.2-0.4	
UNIFORMITY COEFFICIENT	< 1.9	
<i>Particle Size Analysis by Sieving according to AS 1141.11.1</i>		

TYPICAL CHEMICAL ANALYSIS	
Chemical	Proportion (%)
SiO ₂ (Silicon Dioxide)	>99.0
Fe ₂ O ₃ (Iron Oxide)	0.06
Al ₂ O ₃ (Aluminium Oxide)	0.05
TiO ₂ (Titanium Dioxide)	0.01
CaO (Calcium Oxide)	<0.01
MgO (Magnesium Oxide)	0.01
Na ₂ O (Sodium Oxide)	<0.01
K ₂ O (Potassium Oxide)	0.02
Other Properties (Typical)	
Clay and Fine Silt	<1
Specific Gravity	2.55-2.65
Bulk Density dry	1.5 g/cm ³
pH	~ 6.5 – 8.5

The information contained within this datasheet does not represent a specification. The product will experience slight variations as it is extracted from a natural resource. All gradings are subject to a standard deviation.

