

# Skamol Steel Aggregate K-500

Industry

	Value	Unit
Bulk density	500	kg/m <sup>3</sup>
	31	lb/ft <sup>3</sup>
Water absorption (Westinghouse)	76	%
pH (10% water suspension)	5.5	

Thermal conductivity (ASTM C-182)	Mean temperature		
	200°C	0.14	W/(m×K)
	392°F	0.97	BTU/(ft <sup>2</sup> ×h×°F/in)

Chemical analysis, typical (after drying at 110°C)	%		
Silica	SiO <sub>2</sub>	75	%
Aluminium oxide	Al <sub>2</sub> O <sub>3</sub>	10	%
Titanium dioxide	TiO <sub>2</sub>	1.0	%
Ferric oxide	Fe <sub>2</sub> O <sub>3</sub>	7.0	%
Magnesia	MgO	2.0	%
Calcium oxide	CaO	1.0	%
Potassium oxide	K <sub>2</sub> O + Na <sub>2</sub> O	2.0	%
Loss on ignition at 1,025°C (1,877°F)	LOI	2	%

Sieve analysis			
> 6.0 mm		6.2	%
3.0 to 6.0 mm		81.2	%
1.0 to 3.0 mm		12	%
< 1.0 mm		0.7	%

HS Tariff number (Harmonized Commodity Description and Coding System)		2512.00.00	
Colour		Red	

Data are average results of tests conducted under standard procedures and are subject to variation. Data contained in this data sheet are supplied in good faith as a technical service and are subject to change without notice. Misprint and errors excepted. Revision number: 7.12.2023

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