

# COMPAC SOL M64-6-DE

General information	
Classification	Refractory concrete (NCC) DIN EN ISO 1927-1
Main raw material components	Mullite rich raw material
Bonding type	Sol bonding
Additional Information	increased alkali-resistance
Grain Size	0-6 mm
Working method	Vibrating
Amount of Material without loss	2,45 t/m <sup>3</sup>
Amount of liquid addition	7,0-8,0 l/100 kg
Liquid addition	Divasil, Divasil FP
Hint	1 l Divasil = 1,30 kg
Storage Limit	18 months
Temp. limit for application	1.700 °C

Chemical analysis					
Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	Na <sub>2</sub> O	
64,0%	31,0%	0,9%	2,1%	0,1%	
Determination on fired substance (1025 °C / 1877 °F) acc. to ISO 12677					

Physical properties				
Bulk Density	110 °C / 230 °F	2,43	[g/cm <sup>3</sup> ]	ISO 1927-6
	1000 °C / 1832 °F	2,42	[g/cm <sup>3</sup> ]	ISO 1927-6
Cold Crushing Strength	110 °C / 230 °F	70,0	[N/mm <sup>2</sup> ]	ISO 1927-6
	1000 °C / 1832 °F	115,0	[N/mm <sup>2</sup> ]	ISO 1927-6
Thermal Expansion (1000 °C / 1832 °F)		0,55	[%]	EN 993-19
PLC (1000 °C / 1832 °F)		-0,25	[%]	ISO 1927-6
Abrasion		6,00	[cm <sup>3</sup> ]	ASTM C704 calibrated
CO-Resistance (class)		A-B		ASTM C288
Thermal Conductivity	400 °C / 752 °F	1,80	[W/mK]	Dr. Klasse
	800 °C / 1472 °F	1,75	[W/mK]	Dr. Klasse
	1200 °C / 2192 °F	1,95	[W/mK]	Dr. Klasse

The indicated values are standard values, i.e. values taken over a longer representative period of time according to either valid test standards or internal test methods. They may not be regarded as committed specifications and therefore not as guaranteed properties. We reserve the right to further technical developments and new editions of technical product information.

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