



PRODUCT DATA SHEET

Product Brand:	iCARB-MF9-C12-A3
Product Type:	Magnesia Carbon Brick
Product Description:	Carbon bonded brick based on ultra high purity large crystal fused magnesia and ultra high purity natural flake graphite, with anti-oxidant additions

Control Properties:

<u>As Received:</u>				
Test Property	Test Method	Units	Typical	
Bulk Density:	DIN EN 993-1	g/cm ³	3.00	
Apparent Porosity:	DIN EN 993-1	%	3.0	
Cold Crushing Strength:	DIN EN993-5	N/mm ²	50	
<u>Coked:</u> (2hrs at 1000 °C)				
Bulk Density:	DIN EN 993-1	g/cm ³	2.95	
Apparent Porosity:	DIN EN 993-1	%	8.9	
Cold Crushing Strength:	DIN EN993-5	N/mm ²	30	
P.L.C	PRE/R 19	%	-0.1	
<u>Chemical Analysis:</u> (The presence of antioxidants will affect any analysis on an ignited basis)*				
Residual Carbon	ASTM C831-98	%	12.00*	
MgO	DIN EN 955-5	%	81.25	
SiO ₂	DIN EN 955-5	%	0.45	
CaO	DIN EN 955-5	%	0.93	
Fe ₂ O ₃	DIN EN 955-5	%	0.48	
Al ₂ O ₃	DIN EN 955-5	%	4.89	

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Version: 01	The values given are indicative of expected property values for product tested. Please note this data is supplied for information only and as such does not constitute a product specification	Print Date : 2021-09-26
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