



PRODUCT DATA SHEET

Product Brand:	iCARB-MF7-C14-AS7-D
Product Type:	Magnesia Carbon Brick
Product Description:	Carbon bonded brick based on a blend of large crystal fused magnesia, high purity large crystal fused magnesia, high purity natural flake graphite, with anti-oxidant additions

Control Properties:

As Received:				
Test Property	Test Method	Units	Typical	
Bulk Density:	DIN EN 993-1	g/cm ³	2.97	
Apparent Porosity:	DIN EN 993-1	%	2.8	
Cold Crushing Strength:	DIN EN993-5	N/mm ²	42	
Coked: (2hrs at 1000 °C)				
Bulk Density:	DIN EN 993-1	g/cm ³	2.92	
Apparent Porosity:	DIN EN 993-1	%	8.8	
Cold Crushing Strength:	DIN EN993-5	N/mm ²	32	
P.L.C	PRE/R 19	%	-0.1	
Chemical Analysis: (The presence of antioxidants will affect any analysis on an ignited basis)*				
Residual Carbon	ASTM C831-98	%	14.00*	
MgO	DIN EN 955-5	%	78.69	
SiO ₂	DIN EN 955-5	%	2.37	
CaO	DIN EN 955-5	%	1.10	
Fe ₂ O ₃	DIN EN 955-5	%	0.54	
Al ₂ O ₃	DIN EN 955-5	%	3.31	

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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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