



PRODUCT DATA SHEET

Product Brand:	iCARB-MF5-C14-AS7
Product Type:	Magnesia Carbon Brick
Product Description:	Carbon bonded brick based on large crystal fused magnesia and 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	2.95	Industrial Technologies & Energy	
Apparent Porosity:	DIN EN 993-1	%	3.0		
Cold Crushing Strength:	DIN EN993-5	N/mm ²	40		
<u>Coked:</u> (2hrs at 1000 °C)					
Bulk Density:	DIN EN 993-1	g/cm ³	2.90		
Apparent Porosity:	DIN EN 993-1	%	9.3		
Cold Crushing Strength:	DIN EN993-5	N/mm ²	30		
P.L.C	PRE/R 19	%	0.0		
<u>Chemical Analysis:</u> (The presence of antioxidants will affect any analysis on an ignited basis)*					
Residual Carbon	ASTM C831-98	%	14.00*		
MgO	DIN EN 955-5	%	78.28		
SiO ₂	DIN EN 955-5	%	2.52		
CaO	DIN EN 955-5	%	1.26		
Fe ₂ O ₃	DIN EN 955-5	%	0.60		
Al ₂ O ₃	DIN EN 955-5	%	3.34		

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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