

RESCOCAST 17EC

RESCOCAST 17EC CASTING GRADE REFRACTORY HAS BEEN CAST VIBRATED IN U-BENDS, Y-SECTIONS, OVERHEAD LINES AND OTHER CATALYST TRANSFER LINES THROUGHOUT THE WORLD. EXTENDED WORKING TIME AND EASE OF PLACEMENT UNDER VIBRATION HAVE MADE RESCOCAST 17EC THE "SPECIFIED" MATERIAL. QUALITY MONITORING BY EROSION TESTING GUARENTEES A PRODUCT THAT WILL MEET THE SEVERE SERVICE CONDITIONS IT IS DESIGNED FOR.

MAXIMUM SERVICE TEMPERATURE (M.S.T.) (1510°C)

BULK DENSITY

@ 110°C	134 - 140	LBS/FT ³	2150 - 2240	KG/M ³
@ 815°C	127 - 134	LBS/FT ³	2030 - 2146	KG/M ³

COLD CRUSHING STRENGTH

@ 815°C	8000 - 11000	P.S.I.	560 - 770	KG/CM ²
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PERMANENT LINEAR CHANGE

Green to Dried @ 110°C	0.0 TO -0.1 %
Dried to Fired to 815°C	0.0 TO -0.3 %

EROSION LOSS (ASTM C-704)

LESS THAN 10.0 CC

CONDUCTIVITY OR "K" FACTOR

<u>MEAN TEMP</u>	<u>BTU/FT²/Hr/°F/in</u>	<u>W/mK</u>
@ 540°C	7.4	1.07
@ 815°C	8.0	1.15
@ 1095°C	8.4	1.21

TYPICAL CHEMICAL ANALYSIS (%)

AL₂O₃	SiO₂	Fe₂O₃	CaO	MgO	TiO₂	AIK
49.1	41.7	1.0	5.7	0.2	1.0	0.7

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