

Self Flow

Product Data

QUIKTURN FS97

QUIKTURN FS97 Is a Fused Silica Castable containg 97% Silica. It can be brought into service without the requirement for a controlled dry-out. It has outstanding thermal shock resistance combined with properties equivilent to high duty silica brick. QUIKTURN FS97 is non-wetting to aluminium alloys..

<u>Maximum Se</u>	ervice Temper	ature:	1093°C 1650°C	(Cyclic Condit (Constant Ter	,
Bulk Density:					
Fired to 815°C Fired to 1480		1730 - 1810 kg/m³ 1714 - 1794 kg/m³			
Cold Crushing Strength:					
Fired to 815°C			207 - 345 kg/cm ²		
Modulus of Rupture:					
Fired to 815°C			48 - 62 kg/cm ²		
Permanent Linear Change(%):					
Green to 815°C			0.00 to +0.15		
Typical Chemical Analysis(%):					
AI_2O_3	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Alkalies
0.9	96.5	0.05	Tr	2.4	0.1

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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