



# Technical Data

## PERMA-STAR® 95C

FEATURES	A general purpose 95% MgO castable for precast shapes and general furnace maintenance where resistance to basic slags is required. This product features improved flow characteristics with good working time.		
PHYSICAL PROPERTIES  (ASTM procedures used where applicable)		<u>English Units</u>	<u>SI Units</u>
	Bulk Density Fired to 3000°F (1650°C)	(lb/ft <sup>3</sup> ) 165	(kg/m <sup>3</sup> ) 2640
	Cold Crushing Strength Fired to 3000°F (1650°C)	(lb/in <sup>2</sup> ) 3,000	(N/mm <sup>2</sup> ) 20.7
	Modulus of Rupture (lb/in <sup>2</sup> ) Fired to 3000°F (1650°C)	1,300	9.0
	Linear Change, %: After 3000°F (1650°C)	-0.6	
CHEMICAL ANALYSIS (Ignited)	MgO ..... SiO <sub>2</sub> ..... CaO ..... Al <sub>2</sub> O <sub>3</sub> ..... Fe <sub>2</sub> O <sub>3</sub> .....	94.4 2.0 2.0 0.6 1.0	
PACKAGING	Standard 55 pound (25 kg) bags - 72 per pallet		

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), 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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