



# Low Cement Castables

## Product Data

### EZ Cubed FS-6PC

**EZ Cubed FS-6PC** is a pumpable, low cement, fused silica castable that offers high strength, excellent resistance to abrasion, and low reversible thermal expansion. This product may be cast or pumpcast.

**Maximum Service Temperature:** 2000°F (1095°C)

**Bulk Density:**

220°F (105°C) 137-142 lb/ft<sup>3</sup> (2192-2272 kg/m<sup>3</sup>)  
1500°F (815°C) 130-134 lb/ft<sup>3</sup> (2080-2144 kg/m<sup>3</sup>)

**Cold Crushing Strength:**

1500°F (815°C) 8000-11000 psi (560-770 kg/cm<sup>2</sup>)

**Modulus of Rupture:**

1500°F (815°C) 1300-1700 psi (91-119 kg/cm<sup>2</sup>)

**Permanent Linear Change(%):**

1500°F (815°C) 0.0 to -0.3

**Porosity:**

13%

**Erosion Loss:**

1500°F (815°C) Less than 12 cc  
(Typical loss: 7-9 cc)

**Thermal Conductivity or "K" Factor:**

Mean Temp.	BTU/ft <sup>2</sup> /HR/°F/in	W/mK
500°F (260°C)	5.6	0.81
1000°F (540°C)	6.4	0.92
1500°F (815°C)	6.9	0.99

**Typical Chemical Analysis(%):**

SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	MgO	Alkalies
74.9	22.5	0.3	0.3	1.7	0.1	0.2

**Standard Packaging:** 72 - 55 lb. bags 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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