



Technical Data

Rescal 80 BP

**PHYSICAL
PROPERTIES
(ASTM
procedures
used where
applicable)**

Bulk Density (lb/ft ³):	181
Modulus of Rupture (lb/in ²):	3,390
Cold Crushing Strength (lb/in ²):	14,900
Apparent Porosity, %:	12.7
Permanent Linear Change, %: 2910°F (1600°C) & 5 Hours	+0.5

**CHEMICAL
ANALYSIS
(Ignited)**

Al ₂ O ₃	.....	80.5
SiO ₂	.....	9.7
Fe ₂ O ₃	.....	1.5
TiO ₂	.....	2.6
CaO	.....	0.3
MgO	.....	0.2
P ₂ O ₅	.....	4.9
Alkalies	.....	0.3

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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