



PRODUCT DATA

Brand Name: **R 50 DV**

Description: RESCO's R 50 DV is a Heat-Setting, 45% Alumina, Dry Vibratable Mix that is used primarily in the steel industry. This product is slightly tempered to control dusting. R-50 DV is installed by pneumatic ramming methods.

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Loose Fill Density: 93 pcf (1.49 g/cm³)

Maximum Grain Sizing : 4 mesh (4.76 mm)

Minimum Sintering Temperature : 1500°F (815°C) approximate

Dry Material Required per Cubic Foot : 93 - 95 lbs. (approximate)

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	44.5
Silica (SiO ₂)	51.3
Lime (CaO)	0.1
Iron Oxide (Fe ₂ O ₃)	0.8
Titania (TiO ₂)	1.7
Magnesia (MgO)	0.1
Alkalies (Na ₂ O+K ₂ O)	0.4
Others	1.3

Standard Packaging: 60 lb bag. 50 bags per pallet. Bulk packaging available.

Brand Code: 3107

The properties shown on this data sheet represent typical average results 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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