



PRODUCT DATA

Brand Name: RESCO MOLDING CLAY

Description: RESCO MOLDING CLAY is a heat set, clay-based plastic for molds primarily used in the nickel and copper smelters.

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

Maximum Service Temperature: 2900°F (1593°C)

Bulk Density (pcf)

After 220°F (105°C) 135 (2.16 g/cm³)

Typical Chemical Analysis (%)

(Calcined Basis)

Silica (SiO ₂)	71.6
Alumina (Al ₂ O ₃)	23.1
Magnesia (MgO)	0.5
Iron Oxide (Fe ₂ O ₃)	1.5
Titania (TiO ₂)	1.2
Lime (CaO)	0.2
Alkalis (Na ₂ O+K ₂ O)	1.9

Standard Packaging : 50 lb. cartons

Brand Code: 4461

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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03/10/17 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet.