



PRODUCT DATA

Brand Name: LADLELOCK 80
Description: LADLE LOCK 80 IS A HIGH ALUMINA, AIR SETTING MORTAR, PREMIXED. AVAILABLE CONSISTENCIES: DIPPING, TROWELLING (Winterized Versions Available)

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

Maximum Service Temperature: 3200°F (1760°C)

<u>Material Installed Weight (psi)</u>	140	2.24 (g/cm ³)
<u>Moisture Loss on Drying</u>	16.40%	
<u>Maximum Grain Size</u>	48 Mesh	
<u>Cold Modulus of Rupture (psi)</u>		
After 300°F (149°C)	400 - 600	(28 - 42 kg/cm ²)

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	79.2
Silica (SiO ₂)	14.2
Iron Oxide (Fe ₂ O ₃)	1.2
Titania (TiO ₂)	3.2
Lime (CaO)	0.2
Magnesia (MgO)	0.1
Alkalis (Na ₂ O+K ₂ O)	2.0

Standard Packaging: 50 lb. plastic pail

Brand Code: 3081 (Dip) 3083 (Trowel)

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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