

Product Description

A light-weight, conventional refractory castable.

Typical Product Data

Service Limit (°C)	1200	Aggregate	LW Chamotte
Recommended (Min %) Water Addition (Max %)	44.4 51.6	Installation by	Cast / Gun
Max Grain Size (mm)	6	Cast Coverage	850 - 1000 kg/m³

Typical Properties After Heating

	110°C	1000°C	1400°C
CCS (Mpa)	2.0	1.0	
BD min (kg/m ³)	935	840	
max (kg/m ³)	1085	990	
PLC (%)	±0.2	-1.0 / +0.5	
MOR (Mpa)			

Typical Chemical Properties

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	TiO ₂	Alkali
41.4	38.9	1.1	13.4	1.9	3.6

<i>Thermal Conductivity</i>	<i>0.38 W/mK @ 1000 °C</i>
<i>Shelf Life</i>	<i>12 Months</i>
<i>Standard Packaging</i>	<i>15 Kg LW Paper Bags</i>

Important Product Notes

Formerly Known as Hanlite 1200 LW

All values are obtained from cast samples. Gunned densities are typically 100 - 150 kg/m³ higher.

Water % used for QC Testing **48**

The published statistical data does not constitute a specification. Data is generated from production QC testing and is subject to variation.

Reference Document Number - PD	107	Latest Revision	17-Feb-09
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