



MRPCO
Technical Information

LIGHT

MRPLIGHT 900

Classification:	Light weight castable
Main raw materials:	FireClay
Max. service temperature (°C):	≈ 1100
Type of bond:	Hydraulic
Installation method:	Casting
Water Required:	46-56 %

Chemical composition

Al ₂ O ₃ (%)	SiO ₂ (%)	Fe ₂ O ₃ (%)	TiO ₂ (%)	CaO
30-34	44-48	5-8	<3.5	8-10

Properties

Bulk density (g/cm³)	<0.900
Cold crushing strength (MPa)	2-5
Grain Size (mm)	0-5
P.L.C at 1000 °C (%)	Dimensional variations are within a range of less than ±1%

ASTM test methods are used, where applicable, to determine the data.

Storage: Product storage is not recommended for more than 6 months. The material should be stored in a dry, covered and well-ventilated area and protected from direct contact with water, moisture and any environmental contamination. The packaging should be intact, unopened and in its original condition. It is recommended to store the bags on pallets and avoid placing heavy loads on them.

If the product is stored outside the recommended conditions or beyond the recommended storage period, a pre-use inspection/retest is required.

Packaging: This product is supplied in 25 kg laminated bags. The packaging is designed to provide adequate durability during handling, transportation and storage for domestic and export shipments. For export, optional inner protective liners, shrink wrapping and labeling in accordance with international shipping are available upon request.

Technical Note: The information provided in this sheet represents typical values obtained from current production samples and is provided for general technical guidance only.
It should not be considered as minimum or maximum values for specific applications.



www.mahanrefco.com



info@mahanrefco.com



+983153309853-4



CONTACT US