



Loma s.r.l. Piazzale Accursio, 4 - 20155 Milano - Italy
Tel. +39 02.3494142 - Fax +39 02.3494297
E-mail: info@lomasrl.com - Web: www.lomasrl.com

LOMAPHEN

High quality kraft papers impregnated with thermosetting phenolic resins

LOMAPHEN - phenolic papers are used in the manufacturing of: Standard High Pressure Laminates, Post-Forming Grade High Pressure Laminates, Exterior Grade High Pressure Laminates, Melamine Trays And Tableware.

LOMAPHEN - phenolic papers are available in two quality grades:

- **A GRADE** = top quality kraft papers with the highest colour consistency.
- **B GRADE** = same physical parameters than A grade but a lower colour consistency which make them specifically suitable for application in the inner cores of the laminates.

LOMAPHEN - phenolic papers can be supplied either as ROLLS or SHEETS.

TECHNICAL DATA

GRADE TYPE Resin Type	A STANDARD Pure phenolic	A STANDARD Pure phenolic	A STANDARD Pure phenolic	A STANDARD Pure phenolic
Raw weight	160	160	190	160
Impregnation Ratio	29%	33%	33%	42%
Final Weight	225+/-5 gr/qm	239+/-5gr/qm	283+/-5 gr/qm	276+/-5 gr/qm
Volatile	6,5 – 7 %	6,5 – 7 %	6,5 – 7 %	6,5 – 7 %
Formaldehyde content (90% dry)	66%	66%	66%	66%
Main use	HPL MELAMINE MOULD	HPL MELAMINE MOULD	HPL MELAMINE MOULD	HPL MELAMINE MOULD

GRADE TYPE Resin Type	A POST- FORMING Pure phenolic	A POST- FORMING Pure phenolic	B STANDARD Pure phenolic	B POST-FORMING Pure phenolic
Raw weight	160	190	160	160
Impregnation Ratio	33%	33%	33%	33%
Final Weight	239+/-5 gr/qm	283+/-5gr/qm	239+/-5 gr/qm	239+/-5 gr/qm
Volatile	6,5 – 7 %	6,5 – 7 %	6,5 – 7 %	6,5 – 7 %
Formaldehyde content (90% dry)	66%	66%	66%	66%
Main use	SURFACE P.F. HPL	SURFACE P.F. HPL	INNER CORES	INNER CORES



Loma s.r.l. Piazzale Accursio, 4 - 20155 Milano - Italy
Tel. +39 02.3494142 - Fax +39 02.3494297
E-mail: info@lomasrl.com - Web: www.lomasrl.com

ANALYSIS CERTIFICATE

PRODUCT TYPE

GRADE TYPE	A STANDARD
Resin Type	Pure phenolic
Raw weight	160
Impregnation Ratio	33%
Final Weight	239 +/- 5 gr/qm
Volatile	6,5 - 7 %
Formaldehyde content (90% dry)	66%
Main use	HPL MELAMINE MOULD

PRODUCT COMPOSITION

AN UNBLEACHED SATURATING BASE KRAFT PAPER IMPREGNATED WITH A
PHENOLIC BASE RESIN

IMPREGNATION RATIO : 33% (1 KG OF IMPREGNATED PAPER IS MADE OF: 670 grs
RAW KRAFT PAPER + 330 grs PHENOLIC RESIN)

PHENOLIC RESIN COMPOSITION		
Material	Function	Ratio
Phenol		32,7 %
Formaldehyde content (90% dry)		66 %
ALTON 883 (or a similar product)	Wetting agent	0,5 %
ALTON 856 (or a similar product)	Release agent	0,3 %
Caustic Soda	Catalyst	Approx. 0,5 %