

CASTING PAPERS – PRODUCT TECHNICAL SPECIFICATIONS

Test Method	Gloss (Plain Papers Only) ¹	Tear Strength Minimum (Base/Precoat)	Moisture Maximum	Grammage	PVC Release Maximum ²	PU Release Maximum ²
Units	QMM50 % @ 75°	QMM7B mN	QMM9B %	QMM1 gsm	QMM53 N/m	QMM54 N/m
Multikast 430 Extra Gloss	75 - 85	1000/1200	4.0	159 ± 5%	25	N/A
Multikast 440 Gloss	62 - 72	1000/1200	4.0	159 ± 5%	25	N/A
Multikast 446 Semi Matt	43.5 - 56.5	1000/1200	4.0	159 ± 5%	25	N/A
Multikast 449 Semi Matt	17.8 – 26.2	1000/1200	4.0	159 ± 5%	25	N/A
Multikast 450 Matt	11 – 15	1000/1200	4.0	159 ± 5%	30	N/A
Multikast 429 Extra Strong	11.6 – 18.4	1000/1200	4.0	159 ± 5%	25	N/A
T2000 701 Semi Matt	17 – 27	1000/1200	4.0	156 ± 5%	N/A	20
T2000 703 Matt	9.5 maximum	1000/1200	4.0	156 ± 5%	N/A	20
T2000 705 Ultra Matt	3.5 maximum	1000/1200	4.0	156 ± 5%	N/A	24
Highlight	N/A	1100/-	N/A	159 ± 5%	N/A	25
Highlight Heavyweight	N/A	1100/-	N/A	188 ± 5%	N/A	25
Hightem	N/A	1100/-	N/A	165 ± 5%	N/A	25
Hightem Heavyweight	N/A	1100/-	N/A	188 ± 5%	N/A	25
Hightem Hi Definition	N/A	1100/-	N/A	179 ± 5%	N/A	25
Hi Gloss Patent	97 min	800 min	N/A	174 ± 5%	N/A	4.9 ³

Notes :-

1. Embossed Paper Gloss – Multikast & T2000s gloss is controlled to specification prior to embossing. HL/HT, Hi-Def & Patent gloss is dependent on design.
2. PVC and PU release are measured using Arjo Wiggins standard formulations.
3. Patent Release – Specific PU test.

This specification sheet must be signed by and dated by a member of the Quality Department to be valid.

Signed :

Position :

Date :

TECHNICAL DATA SHEET

Scheda Tecnica

Mod. PG 7.06-01 rev.3 del 18/03/10

Product Gammakote M PLUS	Weight 190 g/m ²
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Characteristic	Internal Method	Standard Reference	Unit of Measure	Side or Direction	Specific Values	Tolerance 2σ
Substance	PO 301	ISO 536	g/m ²	-	190,0	± 5%
Thickness	PO 303	ISO 534	μm	-	215,0	± 20
Gloss 75° (Zehntner 1022)	PO 310	TAPPI T480	%	Coated	10	± 3
Absolute humidity	PO 302	ISO 287	%	-	4,0	± 1
Tensile strength	PO 313	ISO 1924	Kg/15mm	Md	17,0	min
Tensile strength	PO 313	ISO 1924	Kg/15mm	Cd	9,0	min
Tear strength	PO 307	ISO 1974	mN	Cd	1200,0	min
Release value PVC	PO 326	-	gr/sq.in	-	40	max
Release value PU	PO 317	-	gr/sq.in	-	-	max

The technical data sheet shall be deemed accepted if not challenged within one month of receipt.

Emission Date	18/03/2010
TDS n°	12L
Period of Validity	Until next review
R&S Manager	Renato Burba

Our internal methods are based upon the indicated official methods, but could differ in some details. The above data have been agreed in good faith and tested to the best of our knowledge, but we cannot guarantee the results of further reprocessing that are beyond our control.

We recommend that the Clients, in all cases, evaluate if the characteristics of our paper fit their actual needs and the requirements of the final products.

TECHNICAL DATA SHEET

Scheda Tecnica

Mod. PG 7.06-01 rev.3 del 18/03/10

Product ALFAKOTE CR	Weight 155 g/m ²
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Characteristic	Internal Method	Standard Reference	Unit of Measure	Side or Direction	Specific Values	Tolerance 2σ
Substance	PO 301	ISO 536	g/m ²	-	155,0	± 5%
Thickness	PO 303	ISO 534	µm	-	170,0	± 20
Gloss 75° (Zehntner 1022)	PO 310	TAPPI T480	%	Coated	27	± 7
Absolute humidity	PO 302	ISO 287	%	-	4,0	± 1
Tensile strength	PO 313	ISO 1924	Kg/15mm	Md	13,0	min
Tensile strength	PO 313	ISO 1924	Kg/15mm	Cd	7,0	min
Tear strength	PO 307	ISO 1974	mN	Cd	1100,0	min
Release value PVC	PO 326	-	gr/sq.in	-	25	max
Release value PU	PO 317	-	gr/sq.in	-	-	max

The technical data sheet shall be deemed accepted if not challenged within one month of receipt.

Emission Date	18/03/2010
TDS n°	01L
Period of Validity	Until next review
R&S Manager	Renato Burba

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TECHNICAL DATA SHEET

Scheda Tecnica

Mod. PG 7.06-01 rev.3 del 18/03/10

Product Superlak	Weight 173 g/m ²
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Characteristic	Internal Method	Standard Reference	Unit of Measure	Side or Direction	Specific Values	Tolerance 2σ
Substance	PO 301	ISO 536	g/m ²	-	173,0	± 5%
Thickness	PO 303	ISO 534	µm	-	177,0	± 20
Gloss 75° (Zehntner 1022)	PO 310	TAPPI T480	%	Coated	97	± 7
Absolute humidity	PO 302	ISO 287	%	-	4,0	± 1
Tensile strength	PO 313	ISO 1924	Kg/15mm	Md	11,0	min
Tensile strength	PO 313	ISO 1924	Kg/15mm	Cd	5,5	min
Tear strength	PO 307	ISO 1974	mN	Cd	820,0	min
Release value PVC	PO 326	-	gr/sq.in	-	40	max
Release value PU	PO 317	-	gr/sq.in	-	40	max

The technical data sheet shall be deemed accepted if not challenged within one month of receipt.

Emission Date	18/03/2010
TDS n°	09L
Period of Validity	Until next review
R&S Manager	Renato Burba

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