

Sales Handbook
April 2010



DEFINITIONS

Standard

Production runs planned at regular intervals

Semi-Standard

Production runs depending on market requirements

On request

No planned production runs, minimum order quantity required. The minimum quantity for multi wall sheets is 3 tons. Please ask for the particular minimum order quantity as far as solid sheets are concerned.



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CHANGES IN DELIVERY PROGRAM SOLID SHEETS

Following products are added to the product range:

Makrolon® AR clear 7099



Following products have been taken out of range:

Makrolon® Hygard CG 750, clear 8099

Makrolon® Hygard BR 1000, clear 8099

For some products, the status (standard, semi-standard, on request) has changed. Please see details on the following pages.

CHANGES IN DELIVERY PROGRAM MAKROLON® MULTI UV

Following products are added to the product range:

Makrolon® Ambient

For some products, the status (standard, semi-standard, on request) has changed. Please see details on the following pages.



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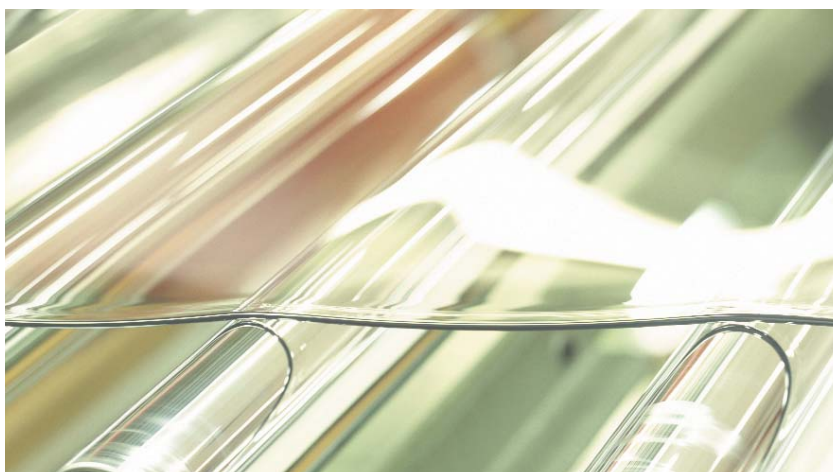
EXAMPLE: MAKROLON® UV BRONZE 2850

Makrolon®	UV	bronze	2850
Brandname	Properties	Colour group	Definition (4 digits)
Makrolon® Vivak® Axpert®	GP: general purpose UV: UV-protected NR: non-reflective AR: abrasion resistant FR: flame-retardant FG: food grade	clear white bronze grey green blue umbra	<p><u>1st digit: properties</u> - no special properties 2 = 2 sides UV-protected 7 = 1 side abrasion resistant 8 = 2 sides abrasion resistant</p> <p><u>2nd digit: colour</u> 0 clear 1 white 2 orange 3 red 4 violet 5 blue 6 green 7 grey 8 brown / bronze 9 black</p> <p><u>3rd & 4th digit: approximate light transmission at 3 mm*</u> <i>Example: 2850</i> <i>2 sides UV-protected, bronze, LT 50% at 3 mm</i></p>

* only valid for standard products

STRUCTURE (OPTIONAL)

- R: raindrop
- H: haircell
- P: pearl
- X: prism
- G: fine ripples
- C: chairmat



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EXAMPLE: MAKROLON MULTI UV® 3X/16-25 WHITE 1146

Makrolon®	3X/ 16-25	white	1146
Brandname	Geometry	Colour	Definition (4 digits)
Makrolon® multi UV	<u>1st digit: layers</u> 2: twinwall 3: triplewall 4: 4-wall 5: 5-wall 6: 6-wall <u>Optional: structure</u> X: X-structure M: M-structure <u>2nd digit: thickness</u> e.g. 16: 16 mm thick <u>3rd digit: rib distance</u> e. g. 25: 25 mm	clear white bronze green blue	<u>1st digit: properties</u> 1 = 1 side UV-protected 4 = 1 side UV, 1 side no drop <u>2nd digit: colour</u> 0 clear 1 white 2 orange 3 red 4 violet 5 blue 6 green 7 grey 8 brown/ bronze 9 black <u>3rd & 4th digit</u> approximate light transmission example: 1146 1 side UV-protected, white, LT ~45%

ADDITIONAL PROPERTIES (OPTIONAL)

IQ-Relax: heat reflecting
 FR: flame retardant
 HR: hail resistant
 no drop: no drop coating on 1 side



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VIVAK®

Vivak® is a mono-layer copolyester sheet, which offers nice transparency, high impact resistance, good fire behaviour and excellent thermoforming properties.

Vivak® UV has improved UV-protection on both sides.

DESCRIPTION

VIVAK®			VIVAK® UV		
Density:	1,27 g/cm ³		Density:	1,27 g/cm ³	
Light transmission: (at 3 mm)	clear 099:	88%	Light transmission: (at 3 mm)	clear 2099:	88%
	bronze 850:	60%		white 2130:	30%
	fluo green 680:	80%		grey 2760:	35%
	fluo red 330:	28%			(at 5 mm)
	fluo orange:	52%		bronze 2850:	45%
					(at 5 mm)

STANDARD & SEMI-STANDARD RANGE*

Product	Size	Unit	0,5	0,75	1	1,5	2	3	4	5	6	8	10	12	15
Vivak clear 099	2 050 x 1 250 mm	bulk	500	400	300	200	150	100	75	60	50	40	30	°	°
		carton	80	50	40	30	20	15	10	8	°	°	°	°	°
	3 050 x 2 050 mm	bulk		°	120	80	60	40	30	24	20	15	12	10*	8*
		carton		°	40	30	20	15	10	8	6	°	°		
Vivak UV clear 2099	3 050 x 2 050 mm	bulk					60	40	30	24	°	°	°		
		carton					°	°	°	°	°	°	°		
Vivak UV white 2130	3 050 x 2 050 mm	bulk					°	40	30	°	°	°	°	°	
		carton					°	°	°	°	°	°	°	°	

* For these items the minimum order quantity RTS / CTS is required!

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Vivak bronze 850	1250, 2050 mm	0.75 - 12 mm
Vivak fluo green 680	1250, 2050 mm	0.75 - 12 mm
Vivak fluo red 330	1250, 2050 mm	0.75 - 12 mm
Vivak fluo orange 250	1250, 2050 mm	0.75 - 12 mm
Vivak UV clear 2099	1250 mm	0.75 - 12 mm
Vivak UV grey 2760	1250, 2050 mm	0.75 - 12 mm
Vivak UV bronze 2850	1250, 2050 mm	0.75 - 12 mm

*LEGEND

30	standard
30	semi-standard
°	on request



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VIVAK® DESIGN

Vivak® Design are frosted solid sheets made of thermoplastic copolyester. They offer high impact strength, a good fire rating and are fully recyclable.

DESCRIPTION

VIVAK® Design

Density: 1,27 g/cm²
 Light transmission: clear 099: 75%
 (at 3 mm) white 145: 45%

STANDARD & SEMI-STANDARD PROGRAMM*

Product	Size	Unit	0,5	0,75	1	1,5	2	3	4	5	6	8	10	12	15
Vivak Design clear 099	2 050 x 1 250 mm	carton					20	15	10	8					
Vivak Design white 145	2 050 x 1 250 mm	carton					20	15	10	8					

*LEGEND

30	standard
30	semi-standard
°	on request



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AXPET®

Axpet® is a mono-layer polyester sheet, which offers nice transparency, good impact resistance and excellent fire behaviour. Axpet® UV has improved UV-protection on one side.

DESCRIPTION

AXPET®			AXPET® UV		
Density:	1,33 g/cm ³		Density:	1,33 g/cm ³	
Light transmission: (at 3 mm)	clear 099:	87%	Light transmission: (at 3 mm)	clear 2099:	87%
	white 130:	28%			
	white 100:	<1%			
Special grades:	NR: non-reflective				

STANDARD & SEMI-STANDARD PROGRAMM*

Product	Size	Unit	0,8	1	1,5	2	3	4	5	6
Axpet clear 099	2 050 x 1 250 mm	bulk	375	300	200	150	100	75	°	°
		carton	50	40	30	20	15	10	°	°
	3 050 x 2 050 mm	bulk	150	120	80	60	40	30	24	20
		carton	50	40	30	20	15	10	8	6
Axpet NR clear 099	2 050 x 1 250 mm	bulk	375	300	200	150				
		carton	50	40	30	20				
	3 050 x 2 050 mm	bulk		120						
		carton		°	°	°				
Axpet white 130	2 050 x 1 250 mm	bulk		300	200	150	°	°		
		carton		°	°	°	°	°		
	3 050 x 2 050 mm	bulk		120	80	60	°	°		
		carton		°	°	°	°	°		
Axpet white 100	3 050 x 2 050 mm	bulk		120						
	2 050 x 1 250 mm	carton		40	°	20	°			

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Axpet UV clear 2099	1250, 2050 mm	2 - 6 mm

*LEGEND

30	standard
30	semi-standard
°	on request



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