

Technical information, February 2007

UL-94 listing Makrolon® GP/FG sheet

Regarding the UL-94 listing of Makrolon® GP/FG sheet, we refer to the UL-94 listings of the resin producers as listed in the Yellow Cards below.

Following GP/FG-colours are made out of the below mentioned materials:

<u>Colour</u>	<u>Thickness</u>	Material type
GP clear 099	≤ 1 mm	2603+(f1)
GP clear 099	≥ 1.5 mm	3103+(f1)
GP grey 760	≥ 1.5 mm	3103+(f1)
GP bronze 850	≥ 1.5 mm	3103+(f1)
FG clear	≥ 1.5 mm	3108+

For other colours, please contact our Technical Support.

OMFZ2	Componen	t - Pl	astics
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(f2)

Friday, October 24, 2003

E41613

BAYER MATERIAL SCIENCE AG

THERMOPLASTICS TESTING CENTER (TTC) GEBAEUDE R33 RHEINUFERSTRASSE 7-9 47829 KREFELD GERMANY

Material Designation: 3100+(f1), 3103+(f1), 3105+(f2), 3107+(f1), 3108+

Product Description: Polycarbonate (PC), designated "Makrolon" furnished as pellets.

	Color	Min. Thick. (mm)	Flame Class	HWI	HAI		RTI Imp		IEC GWIT	IEC GWFI
	ALL	0.75	V-2	-	-	-	-	-	-	-
		1.5	HB	3	0	125	115	125	-	-
		3.0	HB	2	0	125	115	125	-	-
		6.0	HB	0	0	125	115	125	-	-
CTI: 2		HVTR: 0			D495: 6			IEC Ball Pressure (°C): -		
Dielectric Strength (kV/mm): - ISO Tensile Strength (MPa): - ISO Tensile Impact (kJ/m²): -			Volume Resistivity (10*ohm-cm): - ISO Flexural Strength (MPa): - ISO Izod Impact (kJ/m²): -					Dimensional Stability(%): - ISO Heat Deflection (°C): - ISO Charpy Impact (kJ/m²): -		

(f1) Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL Inc.

+ Material designations may be followed by suffix numbers and/or letters denoting color.

Report Date: 8/22/1969 Underwriters Laboratories Inc®

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in components and parts of end-product devices and appliances, where the acceptability of the combination is determined by ULI.

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QMFZ2 Component - Plastics Friday, October 24, 2003 E41613

BAYER MATERIALSCIENCE AG

THERMOPLASTICS TESTING CENTER (TTC) GEBAEUDE R33 RHEINUFERSTRASSE 7-9 47829 KREFELD GERMANY

Material Designation: 2600+(f1), 2603+(f1), 2607+(f1), 2608+, 2658+

Product Description: Polycarbonate (PC), designated "Makrolon" furnished as pellets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
ALL	0.75	V-2	-	-	125	115	125	-	-
	1.5	V-2	3	0	125	115	125	-	-
	2.5	НВ	3	0	125	115	125	-	-
	3.0	НВ	2	0	125	115	125	-	-
	6.0	НВ	0	0	125	115	125	-	-
	CTI: 2	HVTR: 0			D495:	5		IEC Ball Pressure (°C): -	

Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

Material designations may be followed by suffix numbers and/or letters denoting color.

Report Date: 8/22/1969 Underwriters Laboratories Inc@

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