



**QMFZ2.E351891
Plastics - Component**

Additional information regarding this certification can be found in UL's iQ Family of Databases (iq.ul.com).

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[Page Bottom](#)

Plastics - Component

[See General Information for Plastics - Component](#)

BAYER MATERIALSCIENCE PCS
SEMI-FINISHED PRODUCTS
CHEMPARK BLDG B207
51368 LEVERKUSEN, GERMANY

E351891

Material Dsg	Color	Min. Thk mm	Flame Class	H		R T I			H	D	C
				W	A	Elec	Mech	V	4		
				I	I			Imp	Str	T	
				I	I			R	5	I	
Polycarbonate (PC), "Makrolon", furnished as sheets.											
AR(f1)	ALL	0.75-1.4	V-2	-	-	80	80	80	0	6	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			
AR(f2)	ALL	0.75-1.4	V-2	-	-	80	80	80	0	6	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			
AR-V(f1)	CL	10.0	V-0	0	0	125	115	125			
	NC, BZ, GY	3.0	HB	-	-	80	80	80	-	-	-
AR-V(f2)	NC	5.9	V-1	-	-	80	80	80			
	NC, BZ, GY	3.0	HB	-	-	80	80	80	-	-	-
	NC	5.9	V-1	-	-	80	80	80			
FD		9.1	V-0	-	-	80	80	80			
	CL	1.5	HB	-	-	80	80	80	-	-	-
FI(a)	NC	1.0	V-2	4	1	80	80	80	0	5	1
		1.5	V-0	4	1	80	80	80			
	ALL	1.5	V-2	4	1	80	80	80			
		2.2	V-0	2	1	80	80	80			
	NC	3.0	V-0, 5VA	2	1	80	80	80			
	ALL	3.0	V-0	2	1	80	80	80			
GP(f1), OP(f1), MG(f1), WG(f1)											
	ALL	0.75-1.4	V-2	-	-	80	80	80	0	6	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			
GP(f2), OP(f2), MG(f2), WG(f2)											
	ALL	0.75-1.4	V-2	-	-	80	80	80	0	6	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			
	CL	10.0	V-0	0	0	125	115	125			
GP-V(f1), OP-V(f1), PV(f1), Lumen XT(f1)											
	NC	0.7	HB	-	-	80	80	80	0	5	3
		1.5	V-2	2	0	125	115	125			
		5.4	V-0	2	0	125	115	125			
		6.0	V-0	0	0	125	115	125			
GP-V(f2), OP-V(f2), PV(f2), Lumen XT(f2)											
	ALL	1.5	V-2	2	0	125	115	125	0	5	3
		6.0	V-0	0	0	125	115	125			
LF	ALL	2.0	V-0	1	4	80	80	80	3	6	3
SL(f1)	ALL	0.75-1.4	V-2	-	-	80	80	80	0	6	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			
SL(f2)	ALL	0.75-1.4	V-2	-	-	80	80	80	0	6	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			
	CL	10.0	V-0	0	0	125	115	125			
SL-V(f1), LD(f1)	NC	2.4	V-2	2	0	125	115	125	0	5	3
		6.0	V-0	2	0	125	115	125			
SL-V(f2), LD(f2)	ALL	2.4	V-2	2	0	125	115	125	0	5	3
		6.0	V-0	2	0	125	115	125			
Polyester (PER), "VIVAK", furnished as sheets.											
VI	NC	1.5	HB	-	-	50	50	50	-	-	-
VU(f1)	NC	1.5	HB	-	-	50	50	50	-	-	-

(a) - optional two digit suffix denoting finish and masking

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

(f2) - 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.

Marking: Company name or tradename "MAKROLON" , "VIVAK" and material designation on container, wrapper or finished part.

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