

OPTIX / Plazcryl Extruded Sheets Light Transmission*



R7000 Color Range

PLAZIT CAT number	Color Description	% LT**
R7001	Acryled*	50-54
R7004	Opal BE 044*	30-34
R7005	Opal*	28-31
R7007	Opal BE 1527*	45-48
R7008	Bronze	48-52
R7009	Light Blue 09	53-57
R7010	Light Blue 10	83-86
R7011	Light Blue 11	76-80
R7012	Medium Blue	49-53
R7013	Light Gray	75-78
R7015	Light Blue 15	63-67
R7015M	Light Blue (Anti-Glare Mat Coat)	64-73
R7016	Light Grey	73-78
R7017	Dark Blue	6.2-8.2
R7018	Olympic Green	2 - 5
R7019	Fluorescent Blue	91.5-92
R7020	Fluorescent Green	88-89
R7021	Forest Green	61-65
R7022	Light Green	87-89
R7023	Glass Green	87-92
R7024	Bottle Green	47-51
R7025	Silicon Green	91.5-92
R7026	Apple Green	54-56
R7027	Apple Green	75-80
R7028	Opaque Glass	31-33
R7029	Transparent Yellow	88-91
R7030	Saphir Blue	63-67
R7031	Transparent Orange	75-78
R7032	Light Orange	58-62
R7033	Dark Orange	28-32
R7034	Bourdeaux	2-4
R7035	Pink	40-44
R7036	Opaque Red	0-5
R7037	Transparent Dark Red	7.5-9
R7038	Fluorescent Red	24-26

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PLAZIT CAT number	Color Description	% LT**
R7039	Rubi Red	11-13
R7040	Green 150	68-71
R7041	Green 145	28-32
R7042	Green 142	74-76
R7043	Grey	6-10
R7044	Green 144	6-10
R7045	Green 145	47-51
R7046	Turquoise	31-35
R7047	Light Green	80-84
R7048	Ivory	7-9
R7049	Transparent Orange	64-67
R7050	Orange	7-9
R7051	Gold	83-85
R7052	Fluorescent Yellow	89-92
R7053	Brown	31-35
R7054	Light Brown	47-51
R7055	Orange	41-44
R7056	Grey	9-13
R7057	Grey	50-52
R7058	Black	0
R7059	Grey	44-48
R7060	Medium Grey	34-38
R7061	Magenta	8-12
R7062	Opal*	21-24
R7063	Opal*	34-36
R7064	Opal*	28-30
R7065	Opal*	23-27
R7066	White	5-7
R7067	White	6-8
R7068	Opal*	34-37
R7069	Diffuser*	76-78
R7070	Diffuser*	83-85
R7071	Diffuser*	69-73
R7072	Diffuser*	65-69
R7073	Diffuser 50% *	49-52
R7075	Diffuser Milky*	73-76
R7076	Diffuser Milky*	86-88
R7077	Light Gray	54-58
R7078	Grey	37-40
R7079	Dark Grey	5-7

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PLAZIT CAT number	Color Description	% LT**
R7080	Dark Grey	11-13
R7081	Light Grey	48-52
R7082	Dark Grey	21.5-25.5
R7083	Light Smoke Brown 914	35-39
R7084	Medium Smoke Brown	21-24
R7085	Light Smoke Brown	47-49
R7086	Dark Brown	0.01-0.3
R7087	Brown RED	16-18
R7088	Brown 8032	55-58
R7089	Smoke Brown	13-15
R7090	Purple Brown	57-61
R7091	Dark Purple Brown	24-26
R7092	Dark Grey	10-13
R7093	Smoke Dark Grey	6-10
R7094	Smoke Grey	29-32
R7095	Light Smoke Grey	48-52
R7096	Dark Grey	28-32
R7097	Silver Grey	0
R7098	Blue Grey Diffuser	5-7
R7099	Metal Grey	11-14
R7200	Frosty	0
R7296	UV	28-32
R7329	Solar IR Green	53-57
R7361	Solar IR Pearl	60-64

* for 3 mm sheet thickness

** Light Transmission measurement for all products according to ASTM D-1003 measured by Hazegard Plus - BYK Gardner

Plazcryn - Extruded Sheets Light Transmission*

R1000 Color Range

PLAZIT CAT number	Color Description	% LT**
R1016	Blue	3-6
R1027	Green	9-13
R1030	Yellow	43-47
R1039	Red	12-16
R1044	Cognac	55-59
R1053	Brown	31-35
R1053CI	Brown	30-34
R1057	Grey	40-44
R1085	Opal*	8-12
R1086	Opal*	30-34

Monogal/Plazcarb Extruded Sheets Light Transmission**

R8000 Color Range

PLAZIT CAT number	Color Description	% LT**
R8001	PC Led*	49-52
R8014	Blue	52-54
R8015	Blue Gtech	0
R8016	Transparent Blue	51-55
R8022	Light Green	77-79
R8053	Brown	42-46
R8054	Brown Bronze	53-57
R8057	Grey	34-36
R8058	Black	0
R8060	Light Grey	66-69
R8063	Solar Grey	48-52
R8072	Diffuser*	67-69
R8080	Opal*	22-25
R8081	Opal*	46-50
R8082F	PC Opal FR	24-28
R8089	Brown	49-53
R8090	Dark Brown	11-12.5
R8092	Grey	47-50
R8092B	Dark Grey	18-21
R8094	Smoke Grey	50-54
R8096	Dark Grey	9-11
R8329	IR Green	53-57
R8362	IR Pearl	48-52
R8397	Reflective Silver	17-20

Plazgal SAN Extruded Sheets Light Transmission*

R4500 Color Range

PLAZIT CAT number	Color Description	% LT**
R4514	Blue	0
R4515	Turquoise	57-61
R4558	Black	0
R4567	Diffuser	81-82
R4584	Smoke Brown	22-25
R4586	Opal*	10-13
R4590	Purple Brown	53-57

Opal Color Range Light Transmission (%)*

PLAZIT CAT number	Thickness (mm)										
	1	2	3	4	5	6	8	10	12	15	20
R1086		32-36	30-34	29-32	28-31	28-31					
R4500	87	85	84	83.4							
R4567		80-82	80-82	77-79	77-79	77-79					
R4586		10-13	10-13	10-13	10-13	10-13	10-13				
R6000	90		89	88		87	85				
R7000		92	92	92.5	92.5	92.5	92.5	93.1	93	93	92
R7001			50-54	48-50							
R7004		30-34	30-34	28-32							
R7005		27-31	27-31	25-29	24-28						
R7007		45-48	45-48								
R7076		86-88	86-88	86-88	85-87						
R7062		22-25	21-24	17-21	15-19						6-9
R7063	32-36	35-37	34-36	35-37	33-35	32-34	27-29	22-24	19-23	12-14	5-8
R7064	27-30	28-30	28-30	26-29	25-28	25-28	19-23	18-21	15-17	11-16	
R7065		23-27	23-27	23-26	21-25	20-24	19-24	15-19			0-5
R7066	6-8	6-8	5-7	5-7	4-6	4-6	0-5	0-5	0-5	0-5	0-5
R7067	7-8	7-9	6-8	6-8	5-7	4-6	0-5	0-5	0-5	0-5	
R7068	34-37	34-37	34-37	35-38	31-35	30-34	27-29	21-24		18-21	
R7069	77-79	77-79	76-78	75-77	75-77	76-78	76-78	76-78			
R7070		84-86	83-85	83-85	82-84	82-84	80-82	80-82	78-80	76-78	
R7072		69-72	65-69	62-65	60-63						
R7076		86-88	86-88	86-88	85-87						
R7361			60-63	58-61							
R7500			92.3		91.8		91	90.5		89.3	
R7600		93	93.2	92.6	92.4						
R7700		92.7	92.7	92.3	92.2	92	91.6				
R7900			92								81
R8000	87.8	87	86.5	86	85	84.5	84	83	82	81.5	
R8001		50-53	49-52	46-50	46-50	44-48					
R8072		74-77	67-69	65-67	44-47	41-44	38-41	34-38	31-34	30-33	
R8080	45-50	37-40	22-25	12-15	12-14	7-9	5-8	3-5			

* Light Transmission measurement for all products according to ASTM D-1003 measured by Hazegard Plus - BYK Gardner

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

PLASKOLITE

400 Nationwide Blvd, Suite 400
Columbus, OH 43215
800.848.9124 • Fax: 877.538.0754
plaskolite@plaskolite.com
www.plaskolite.com