

MG SERIES

Grade	Minimum NV (%)	Maximum retained on 45 µm (%)	D 10 (µm)	D 50 (µm)	D 90 (µm)	Type	SG (g/cm ³)	Application
MG 1250	72	2.0 % / 75 µm	28	48	79	SD	1.70	Wheels, GI
MG 1200	70	2.0 % / 63 µm	22	41	72	SD	1.65	Wheels, GI
MG 1100	74	0.5 % / 45 µm	18	32	55	SD	1.70	Wheels, GI

GI: General Industrial Coatings SD: Silver Dollar Type

TCR AND TSB SERIES

The TCR and TSB series of products have been developed primarily for use in automotive applications. These flakes are thicker than conventional aluminium pigment particles which reduces the bending or breaking of flakes when subjected to mechanical shear forces in paint circulation lines. With conventional pigments these forces can lead to reduced opacity and brightness in the paint film. TCR and TSB products due to their particle shape, thickness and distribution, can also give cleaner colours in tint or mass tone in standard automotive systems.

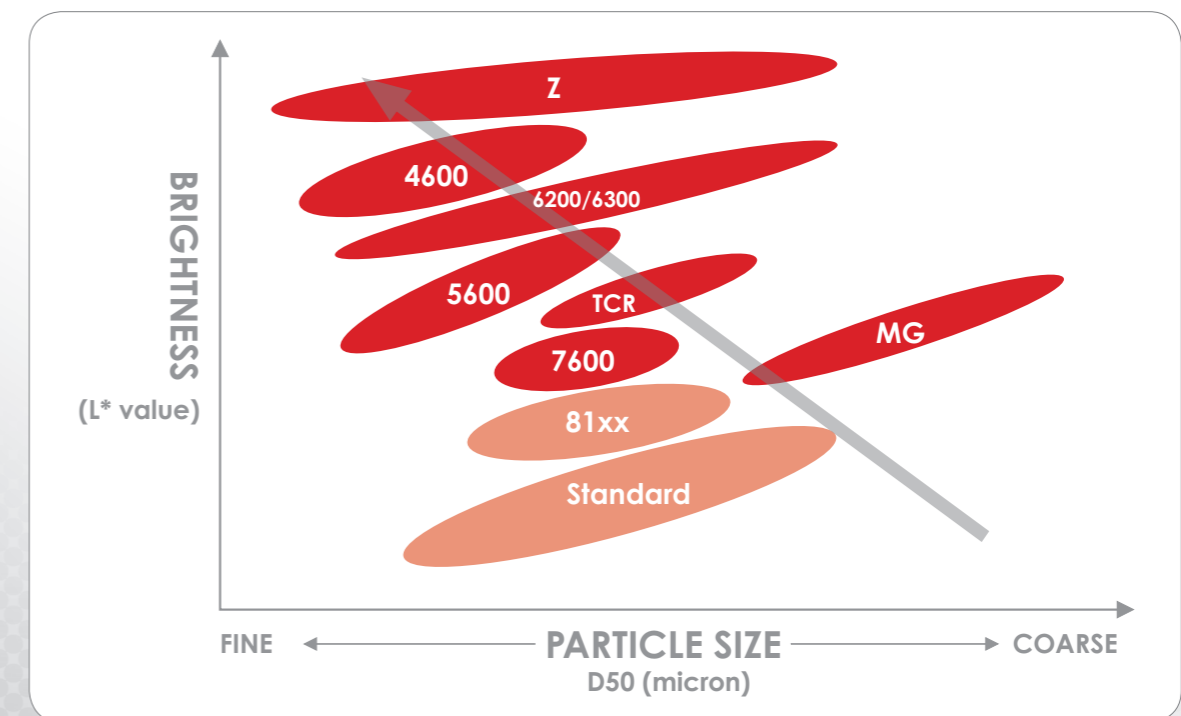
Grade	Minimum NV (%)	Maximum retained on 45 µm (%)	D 50 (µm)	Type	Degradation Category	Application
TCR 3010	83	0.5 (63µm)	24	Round SD	Fully Resistant	OEM, Refinish, Consumer goods
TCR 6020A	77	0.03	19	Round SD	Semi Resistant	OEM, Refinish, Consumer goods
TCR 3015A	81	0.03	18	Round SD	Fully Resistant	OEM, Refinish, Consumer goods
TCR 2040A	75	0.1	18	Round SD	Semi Resistant	OEM, Refinish, Consumer goods
TCR 2044A	74	0.03	18	Round SD	Semi Resistant	OEM, Refinish, Consumer goods
TCR 3040	79	0.1	17	Round SD	Fully Resistant	OEM, Refinish, Consumer goods
TCR 6060A	74	0.03	16	Round SD	Semi Resistant	OEM, Refinish, Consumer goods
TCR 3070A	75	0.1	14	Round SD	Fully Resistant	OEM, Refinish, Consumer goods
TSB 2180A	70	0.03	11	Round SD	Semi Resistant	OEM, Refinish, Consumer goods

SD: Silver Dollar Type



Non-leafing silver dollar grades

Toyol have number of silver dollar product families for use in automotive, general industrial coatings and high quality screen printing ink applications. The very original silver dollar products were the MG (Mirror Glow) series which give very coarse high sparkling effects. These were followed a few years later by the Lenticular Family 76xx which gives much finer, smoother, metallic effects and is still very popular in styling and widely used in many areas. Over the years more products have been added, such as 56xx, 62xx, 63xx, 46xx and Zxx families. The brightness, polish and flip-flop have increased with each development. The flakes have become more round in shape and particle size distribution narrower, to allow even brighter effects to be produced. These products are carried in mineral spirit and light aromatic solvents.



TOYAL EUROPE
Route de Lescun
F-64490 Accous - FRANCE

CONTACT
sales@toyal-europe.com
+33 (0)1 34 93 10 20

WWW.TOYAL-EUROPE.COM

76xx AND F7xx SERIES

Lenticular silver dollar

Grade	Minimum NV (%)	Maximum retained on 45 µm (%)	D 10 (µm)	D 50 (µm)	D 90 (µm)	Type	SG (g/cm ³)	Application
7601 NP	71	0.50	15	26	42	SD	1.60	Automotive, Industrial, Plastic Coatings & Screen Inks
7620 NS	69	0.03	10	19	35	SD	1.60	Automotive, Industrial, Plastic Coatings & Screen Inks
7640 NS	66	0.03	8	16	30	SD	1.55	Automotive, Industrial, Plastic Coatings & Screen Inks
7678 NS	64	0.03	6	15	29	SD	1.50	Automotive, Industrial, Plastic Coatings & Screen Inks
7670 NS	64	0.03	6	15	29	SD	1.50	Automotive, Industrial, Plastic Coatings & Screen Inks
F 795	70	0.03	7	14	27	SD	1.60	Automotive, Industrial, Plastic Coatings & Screen Inks
7680 NS	64	0.03	5	12	23	SD	1.50	Automotive, Industrial, Plastic Coatings & Screen Inks
SD 80	69	0.03	6	12	25	SD	1.60	Automotive, Industrial, Plastic Coatings & Screen Inks
F798	70	0.03	6	13	25	SD	1.60	Automotive, Industrial, Plastic Coatings & Screen Inks

SD: Silver Dollar Type

56xx SERIES

Round, silver dollar, narrow particle size distribution with high brightness, flop index and opacity

Grade	Minimum NV (%)	Maximum retained on 45 µm (%)	D 10 (µm)	D 50 (µm)	D 90 (µm)	Type	SG (g/cm ³)	Application
F520	70	0.03	11	17	32	Round SD	1.60	Automotive, Industrial & Plastic Coatings
5630 NSE	67	0.03	8	16	30	Round SD	1.55	Automotive, Industrial & Plastic Coatings
F540	70	0.03	7	15	28	Round SD	1.60	Automotive, Industrial & Plastic Coatings
F550	70	0.03	7	13	26	Round SD	1.60	Automotive, Industrial & Plastic Coatings
F560	69	0.03	6	10	20	Round SD	1.60	Automotive, Industrial & Plastic Coatings
5660 NSE	69	0.03	5	9	18	Round SD	1.60	Automotive, Industrial & Plastic Coatings
F580	69	0.03	4	8	16	Round SD	1.60	Automotive, Industrial & Plastic Coatings

SD: Silver Dollar Type

62xx SERIES

Round, silver dollar, thin flake with smooth surface, silky appearance with high hiding power and brightness

Grade	Minimum NV (%)	Maximum retained on 45 µm (%)	D 10 (µm)	D 50 (µm)	D 90 (µm)	Type	SG (g/cm ³)	Application
6220N	70	0.1	12	20	31	Round SD	1.60	Automotive, Industrial & Plastic Coatings
6250N	64	0.1	8	13	22	Round SD	1.50	Automotive, Industrial & Plastic Coatings
6270N	64	0.1	6	10	18	Round SD	1.50	Automotive, Industrial & Plastic Coatings

63xx SERIES

Round silver dollar, very narrow particle size distribution with excellent brightness, flop index and opacity

Grade	Minimum NV (%)	Maximum retained on 45 µm (%)	D 10 (µm)	D 50 (µm)	D 90 (µm)	Type	SG (g/cm ³)	Application
6320 NS	69	0.1	9	15	25	Round SD	1.55	Automotive, Industrial & Plastic Coatings
6340 NS	69	0.1	6	12	20	Round SD	1.60	Automotive, Industrial & Plastic Coatings
6360 NS	69	0.1	6	10	16	Round SD	1.60	Automotive, Industrial & Plastic Coatings
6370 NS	69	0.1	5	9	15	Round SD	1.60	Automotive, Industrial & Plastic Coatings
6390 NS	66	0.1	4	6	13	Round SD	1.50	Automotive, Industrial & Plastic Coatings

SD: Silver Dollar Type

46xx SERIES

Round silver dollar, very narrow particle size distribution with outstanding brightness, flop index and opacity

Grade	Minimum NV (%)	Maximum retained on 45 µm (%)	D 10 (µm)	D 50 (µm)	D 90 (µm)	Type	SG (g/cm ³)	Application
4640 NS	69	0.1	7	12	19	Round SD	1.70	Automotive, Industrial & Plastic Coatings
4660 NS	69	0.1	6	10	17	Round SD	1.70	Automotive, Industrial & Plastic Coatings
4690 NS	64	0.1	4	7	12	Round SD	1.50	Automotive, Industrial & Plastic Coatings

SD: Silver Dollar Type

Zxxx SERIES

Round silver dollar, extremely narrow particle size distribution with exceptional brightness, flop index and opacity

Grade	Minimum NV (%)	Maximum retained on 45 µm (%)	D 10 (µm)	D 50 (µm)	D 90 (µm)	Type	SG (g/cm ³)	Application
Z 510	70	0.1	15	24	37	Round Narrow distribution SD	1.60	Automotive & Plastic Coatings
Z 440	69	0.1	8	12	20	Round Narrow distribution SD	1.60	Automotive & Plastic Coatings
Z 460	69	0.1	6	10	16	Round Narrow distribution SD	1.60	Automotive & Plastic Coatings
Z 465	66	0.1	6	10	17	Round Narrow distribution SD	1.50	Automotive & Plastic Coatings
Z 475	66	0.1	5	9	15	Round Narrow distribution SD	1.50	Automotive & Plastic Coatings
Z 485	66	0.1	4	7	13	Round Narrow distribution SD	1.50	Automotive & Plastic Coatings

SD: Silver Dollar Type