



Mixing Cups & Containers

The choice of container is often a key factor in obtaining good mixing results. The shape and volume of the container are very important parameters. A container that is too empty or too full are very common errors that cause unnecessary waste of time. Hauschild offers a wide range of containers for all needs. Above all, with fifty years of experience, no one can help you better than our technicians in selecting the mixer container.

The most common mixing container are polypropylene jars, suitable for most of the applications due to the low chemical reactivity and good heat resistance.

The polypropylene containers usually go from few ml. up to:

- 2 liters (0,53 gal / 67,63 oz) for the Hauschild SpeedMixer DAC M-Series
- 2.8 liters (0,74 gal / 94,7 oz) for the Hauschild SpeedMixer SMART DAC Series
- 3.8 liters (1.0 gal / 128,5 oz) for the Hauschild SpeedMixer SMART DAC High Volume Series

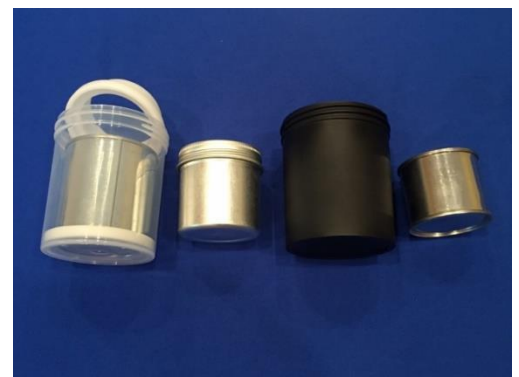


PTFE, glass and metal containers such as: tin cans, aluminum, stainless steel and others are also available.

For energetic material conductive containers are available in combination with special type of SpeedMixer[™].

Black cups are also available for photosensitive materials.

Cartridges and syringes can also use in the Hauschild SpeedMixer.



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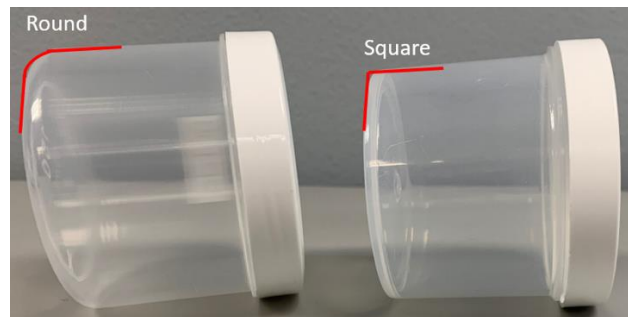
The most utilized are the PP Cups and the Max Cups. The PP cups are produced in Europe while the Max Cups are produced in the USA. Both are available in a wide range of sizes and colors.

The main difference is the bottom corner: in the PP Cup the corner has a radius while the Max Cup has a sharp corner.

The round corner is generally better, especially with medium-high viscosity material and with powders.

The sharp corner tends to make the material get stuck at the bottom.

Hauschild also offers different types of seals to ensure the seals for the lids made of



List of the most common PP cups

		Color				Nominal Volume		Dimensions (mm)				Suggested fill (ml)	
Cup	Alternative to	Jar	Lid	Hauschild Part #	Corresp.Part #	ml	oz	Height	Width	Weight (g)	Corner	Max 1/2	Min 1/3
PP 5	SC6	Translucent	White	1000005108	150 254	6	0,2	18	25	2	Radius	3	2
PP 5	SC6	Translucent	Translucent	1000005110		6	0,2	18	25	2	Radius	3	2
PP 5	SC6	White	White	1000005105	150 250	6	0,2	18	25	2	Radius	3	2
PP 10	SC12	Translucent	White	1000005100	150 244	12	0,4	32	25	3	Radius	6	4
PP 10	SC12	Translucent	Translucent	1000005102		12	0,4	32	25	3	Radius	6	4
PP 10	SC12	White	White	1000005096	150 240	12	0,4	32	25	3	Radius	6	4
PP 15	SC25	Translucent	White	1000005091	150 235	25	0,8	36	35	6	Radius	13	8
PP 15	SC25	Translucent	Translucent	1000005126		25	0,8	36	35	6	Radius	13	8
PP 15	SC25	White	White	1000005087	150 230	25	0,8	36	35	6	Radius	13	8

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		Color				Nominal Volume		Dimensions (mm)				Suggested fill	
Cup	Alternative to	Jar	Lid	Hauschild Part #	Corresp.Part #	ml	oz	Height	Width	Weight (g)	Corner	Max 1/2	Min 1/3
PP 30	SC60	Translucent	White	1000005082	150 224	60	2,0	56	41	9	Radius	30	18
PP 30	SC60	Translucent	Translucent	1000005081		60	2,0	56	41	9	Radius	30	18
PP 30	SC60	White	White	1000005078	150 220	60	2,0	56	41	9	Radius	30	18
PP 50	SC90	Translucent	White	1000005073	150 214	90	3,0	52	52	13	Radius	45	27
PP 50	SC90	Translucent	Translucent	1000005124		90	3,0	52	52	13	Radius	45	27
PP 50	SC90	White	White	1000005069	150 210	90	3,0	52	52	13	Radius	45	27
PP 50 L		Translucent	White	1000017017		125	4,2	67	52	15	Radius	63	38
PP 50 L		Translucent	Translucent	1000005075		125	4,2	67	52	15	Radius	63	38
PP 50 L		White	White	1000005072		125	4,2	67	52	15	Radius	63	38
PP 100	SC185	Translucent	White	1000005064	150 204	185	6,3	61	68	22	Radius	93	56
PP 100	SC185	Translucent	Translucent	1000005123		185	6,3	61	68	22	Radius	93	56
PP 100	SC185	White	White	1000007711	150 200	185	6,3	61	68	22	Radius	93	56
PP 100 L	SC250	Translucent	White	1000005066	150 206	250	8,5	80	68	26	Radius	125	75
PP 100 L	SC250	Translucent	Translucent	1000005125		250	8,5	80	68	26	Radius	125	75
PP 100 L	SC250	White	White	1000005063	150 203	250	8,5	80	68	26	Radius	125	75
PP 150	SC330	Translucent	White	1000005115	SC 330	310	10,5	81	75	38	Radius	155	93
PP 150	SC330	Translucent	Translucent	1000005117		310	10,5	81	75	38	Radius	155	93
PP 150	SC330	White	White	1000005111		310	10,5	81	75	38	Radius	155	93
PP 150 L		Translucent	White	1000017326		375	12,7	97	75	39	Radius	188	113
PP 150 L		Translucent	Translucent	1000017427		375	12,7	97	75	39	Radius	188	113
PP 250	SC500	Translucent	White	1000005258	401 224	500	16,9	91	90	58	Radius	250	150
PP 250	SC500	Translucent	Translucent	1000005260		500	16,9	91	90	58	Radius	250	150
PP 250	SC500	White	White	1000005254		500	16,9	91	90	58	Radius	250	150
PP 250 L		Translucent	White	1000014166		625	21,1	114	90	65	Radius	313	188
PP 250 L		Translucent	Translucent	1000014164		625	21,1	114	90	65	Radius	313	188
PP 250 L		White	White	1000014165		625	21,1	114	90	65	Radius	313	188
PP 300	SC750	Translucent	White	1000005249	401 214	750	25,4	97	106	77	Radius	375	225
PP 300	SC750	Translucent	Translucent	1000005251		750	25,4	97	106	77	Radius	375	225
PP 300	SC750	White	White	1000005245		750	25,4	97	106	77	Radius	375	225
PP 300 L	SC1000	Translucent	White	1000005239	401 200t	1000	33,8	129	106	86	Radius	500	300
PP 300 L	SC1000	Translucent	Translucent	1000005241		1000	33,8	129	106	86	Radius	500	300
PP 300 L	SC1000	White	White	1000005237		1000	33,8	129	106	86	Radius	500	300
PP 1200		Translucent	White	5000000338		1200	40,6	132	113	128	Radius	600	360

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		Color				Nominal Volume		Dimensions (mm)				Suggested fill (ml)	
Cup	Alternative to	Jar	Lid	Hauschild Part #	Corresp. Part #	ml	oz	Height	Width	Weight (g)	Corner	Max 1/2	Min 1/3
PP 1500	SC1500	Translucent	White	1000005263	1500 1500	1500	50,7	136	120	108	Radius	750	450
PP 1500	SC1500	Translucent	Translucent	1000014175	1500 1501	1500	50,7	136	120	108	Radius	750	450
PP 1500	SC1500	White	White	1000006077		1500	50,7	136	120	108	Radius	750	450
PP 2000	SC2000	Translucent	White	1000009828	2000 2000	2000	67,6	164	131	129	Radius	1000	600
PP 2000	SC2000	Translucent	Translucent	1000009829	2000 2001	2000	67,6	164	131	129	Radius	1000	600
PP 2000	SC2000	White	White	1000009426		2000	67,6	164	131	129	Radius	1000	600

List of the most common MAX cups

		Color				Nominal Volume		Dimensions (mm)				
Cup	Jar	Lid	Hauschild Part #	Corresp. Part #	ml	oz	Height	Width	Weight (g)	Corner	Max 1/2	Min 1/3
Max 10	Translucent	White	5000000082	501 226t	7,4	0,25	31	29	7	Square	4	2
Max 10	White	White	5000000064	501 226	7,4	0	31	29	7	Square	4	2
Max 15	Translucent	White	5000000097	501 227t	14,8	0,5	29	37	9	Square	7	4
Max 15	White	White	50000000436	501 227	14,8	0,5	29	37	9	Square	7	4
Max 20	Translucent	White	5000000073	501 224t	29,6	1	42	37	13	Square	15	9
Max 20	White	White	50000000432	501 224	29,6	1	42	37	13	Square	15	9
Max 20 L	Translucent	White	5000000020	501 224Lt	59,1	2	71	37	17	Square	30	18
Max 20 L	White	White	50000000431	501 224L	59,1	2	71	37	17	Square	30	18
Max 40	Translucent	White	5000000006	501 223t	59,1	2	48	49	19	Square	30	18
Max 40	White	White	50000000257	501 223	59,1	2	48	49	19	Square	30	18
Max 40 L	Translucent	White	50000000018	501 223Lt	88,7	3	69	48	22	Square	44	27
Max 40 L	White	White	50000000153	501 223L	88,7	3	69	48	22	Square	44	27
Max 60	Translucent	White	50000000069	501 222t	88,7	3	55	53	22	Square	44	27
Max 60	White	White	50000000256	501 222	88,7	3	55	53	22	Square	44	27
Max 60 L	Translucent	White	50000000015	501 222Lt	118,3	4	72	53	25	Square	59	35
Max 60 L	White	White	50000000433	501 222L	118,3	4	72	53	25	Square	59	35
Max 100	Translucent	White	50000000071	501 221t	118,3	4	60	64	31	Square	59	35
Max 100	White	White	50000000255	501 221	118,3	4	60	64	31	Square	59	35
Max 100 M	Translucent	White	50000000008	501 221Mt	177,4	6	71	64	35	Square	89	53
Max 100 M	White	White	50000000434	501 221M	177,4	6	71	64	35	Square	89	53
Max 100 L	Translucent	White	50000000068	501 221Lt	236,6	8	91	64	39	Square	118	71
Max 100 L	White	White	50000000084	501 221L	236,6	8	91	64	39	Square	118	71
Max 200	Translucent	White	50000000067	501 220t	236,6	8	65	83	51	Square	118	71
Max 200	White	White	50000000435	501 220	236,6	8	65	83	51	Square	118	71
Max 200 M	Translucent	White	50000000066	501 220Mt	354,9	12	83	83	54	Square	177	106

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Color					Nominal Volume		Dimensions (mm)					
Cup	Jar	Lid	Hauschild Part #	Corresp. Part #	ml	oz	Height	Width	Weight (g)	Corner	Max 1/2	Min 1/3
Max 200 L	Translucent	White	5000000065	501 220Lt	473,2	16	107	83	57	Square	237	142
Max 200 L	White	White	5000000083	501 220L	473,2	16	107	83	57	Square	237	142
Max 300 L	Translucent	White	5000000012	501 218t	946,4	32	105	113	96	Square	473	284
Max 300 L	White	White	50000000269	501 218	946,4	32	105	113	96	Square	473	284
Max 300 XL	Translucent	White	50000000072	501 217t	1182,9	40	132	113	112	Square	591	355
Max 300 XL	White	White	50000000276	501 217	1182,9	40	132	113	112	Square	591	355

* Sold by Hauschild SpeedMixer Inc. (info.us@hauschild-speedmixer.com)

The Max Cups are offered by Hauschild SpeedMixer Inc., our exclusive distributor in the USA. For more information, please write to info.us@hauschild-speedmixer.com.

Large buckets

For the Hauschild SpeedMixer L-Series that can mix up to 2x15 kg/2x33 lb, larger buckets are available from 6 liters/1,59 gal., 9 liters/2,64 gal., 15 liters/3,96 gal. and up to 19 liters/5 gal.

Depending on your location, we can help you find the best compromise quality/volume/price.



Others

Mixing in cartridges and syringes is also possible with the Hauschild SpeedMixer. Especially the new generation SMART DAC, with the variable counterrotation, can generate more shearing force and obtain great results also in small containers.



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