



PTM&W Industries, Inc.

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INSTRUCTION BULLETIN: Casting Resin Usage Chart

Cubic Inches Per Pound of Casting Resin

Specific Gravity (Density)	Pounds of Mixed Casting Resin					
	1	2	3	4	5	10
1.0	28	55	83	111	139	277
1.1	25	50	75	101	126	252
1.2	23	46	69	92	115	231
1.3	21	43	64	85	107	213
1.4	20	40	59	79	99	198
1.5	18	39	55	74	92	185
1.6	17	35	52	69	87	173
1.7	16	33	49	65	81	163
1.8	15	31	46	62	77	154
1.9	15	29	44	58	73	146
2.0	14	28	42	55	69	139
2.1	13	26	40	53	66	132
2.2	13	25	38	50	63	126
2.3	12	24	36	48	59	120
2.4	12	23	35	46	58	115
2.5	11	22	32	43	54	108

NOTE: These are estimates only. No allowance has been made for waste. To factor in waste, reduce the cubic inches by 15%.

HOW TO USE THIS CHART

EXAMPLE 1: You have 3 pounds of PT4925 A/B (Specific Gravity 1.58), How many cubic inches will this material fill?

- Look at the junction of the 3-Pound column and the 1.6 Specific Gravity row, which shows 52 cu. in. .
- We suggest subtracting 15% for waste, which equals 44 cubic inches.

EXAMPLE 2: You are using PT4925 A/B to fill a 325 cu. in. cavity. How many pounds of mixed material are needed?

- One pound of 1.6 Specific Gravity material will fill 17 cubic inches of volume.
- Divide 325 by 17 to get 19.12 pounds of mixed material.
- Add 15% for waste, which equals 22 pounds of mixed material needed.