



Polytek® Tin-Cured Silicone Rubbers

Technical Reference Chart

Series	Product	Mix Ratio	Shore Hardness	Pour Time	Demold Time @ 73°F	Cured Color	Mixed Viscosity (cP)	Specific Volume (in ³ /lb)	Specific Gravity	Shrinkage upon cure (%)	Elongation (%)	Tensile Strength (psi)	Die B Tear Strength (pli)	Die T Tear Strength (pli)
TINSIL® 80-SERIES	TinSil® 80-15	1A:10B by weight	A15	30 min.	24 hr.	Peach	12,000	25.3	1.1	~0.2	503	249	87	31
	TinSil® 80-30	1A:10B by weight	A30	45 min.	24 hr.	Peach	17,000	23.7	1.17	~0.2	383	392	145	43
	TinSil® 80-40	1A:10B by weight	A40	45 min.	24 hr.	Peach	20,000	22.9	1.21	~0.2	244	400	62	17
TINSIL® 90-SERIES	TinSil® 90-25	1A:10B by weight	A25	60 min.	16 hr.	Blue	25,000	24.1	1.15	~0.2	650	320	65	N/A
	TinSil® 90-25 FAST	1A:10B by weight	A25	30 min.	16 hr.	Red	25,000	24.1	1.15	~0.2	650	320	65	N/A
SPECIALTY	TinSil® Gel-10	1A:10B by weight	A10	45 min.	16 hr.	Translucent	10,000	25.3	1.1	~0.3	654	221	89	24
	TinSil® Brush/Spray 25	1A:10B by weight	A25	30 min.	16 hr.	Translucent	Thixotropic	25.3	1.1	~0.3	608	278	75	27

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ND = Not Determined
N/A = Not Available at time of printing