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Set-Sil 8110 Translucent

Set-Sil 8110 Base Translucent is a high tear strength, two-component, tin catalyzed RTV silicone rubber which was especially designed for making animatronic characters. **Set-Sil 8110** Base Translucent can be used in conjunction with a variety of our Set-Sil catalysts including Ultra Fast Cat, Set-Sil-8020A or Set-Sil-8179 A Clear.

Mixing Instructions

Mix 100 parts by weight of **Set-Sil 8110** Base Translucent with 10 parts of **Set-Sil 8110** Activator Clear in a container that will hold approximately two times the volume being used. Stir thoroughly either by hand or by mechanical mixing. Immediately after mixing, place the material in a vacuum chamber capable of 28 inches of mercury vacuum. The material will expand to double its original volume and then collapse. Maintain vacuum for an additional minute and release. Carefully pour the catalyzed silicone rubber into the released mold. (MR-15 is recommended) Allow to cure 16 to 18 hours. If choosing a different catalyst, such as Ultra Fast Cat, Set-Sil-8020A or Set-Sil-8179 A Clear, please refer to the appropriate data sheet.

Properties

<u>Uncatalyzed Compound</u>	<u>Set-Sil 8110 Base Trans</u>	<u>Set-Sil 8110 A Clear</u>
Color	Translucent	Clear
Viscosity (cps)	15,000-25,000	300-400
Specific Gravity	1.08	.99
Working Time (minimum)	1 to 2 hours	
Cure Time	16 to 18 hours	
Shelf Life	6 months	
<u>Cured Rubber (7 days @ 70°F/50% R.H.)</u>		
Hardness, Shore A	12+/-3	
Tensile Strength (ASTM D412)	275 +/- 25 psi	
Elongation (ASTM D412)	450 +/- 25%	
Tear, Die B (ASTM D624)	75 +/- 15 ppi	
Shrinkage	0.1%	
Specific Gravity	1.08	

SEE BACK OF TECHNICAL DATA SHEET FOR WARRANTY.

Warranty

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