castaldo®

The Choice of Experience

Silicone Jewellery Molding Rubber

Physical Properties

	Shore A Hardness	Vulcanizes at	Shrinkage*	Break Elongation	Break Tensile Strength	Break Tear Strength	Uses	Colour
Econosil	48-50	165 - 176°C	Low 1.1%	555%	6.2 n/mm²	19.4 n/mm²	Economy, Firm molds, fliigree & thin channels, high pressure	Brick Red
Super High Strength	38-40	165 - 176°C	Medium 2.3%	667%	8.3 n/mm²	21.2 n/mm²	High Strength, General Purpose	Tan
Gelato	38-40	165 - 176°C	Medium 2.3%	667%	8.3 n/mm²	21.2 n/mm²	High Strength, General Purpose	Pistachio, Lemon, Peach, Fuchsia, Violet & Blue
Rapido	38-40	93°C	Very Low 0.1%	614%	8.9 n/mm²	18.2 n/mm²	Fast molds, high strength, general purpose	Marigold
Super Stretch	28	165 - 176°C	Low 1.3%	900%	7.7 n/mm²	19.2 n/mm²	Elastic Inserts, undercuts, cores & plugs	Violet
VLT	38-40	71 - 82°C	Very Low 0.1%	614%	8.9 n/mm²	18.2 n/mm²	Low temp for resin CAD CAM, RP & SL	Blue Green

*Shrinkage rates given are for the rubber mould itself. Final casting shrinkage rates depend on mouldmakers and caster's skill, knowledge, precision and attention to detail.

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