



## Natural Rubber Physical Properties

|                                  | Gold Label®  | White Label®                                       | No Shrink Pink®                              | Titanium Label®                                     |
|----------------------------------|--|--|--|---|
| Shore A Hardness                 | 37.3   | 42.1   | 43.2   | 49.3  |
| Vulcanizes at                    | 307°F/ 152°C                                       | 307°F/ 152°C                                       | Variable*                                    | 307°F/ 152°C  |
| Rubber Shrinkage **              | 2.1%   | 2.3%   | As low as 0.0%                               | 1.4%  |
| Elongation Before Break          | 706%   | 688%   | 728%   | 620%  |
| Tensile Strength Before Break    | Very Strong<br>2,475 psi<br>13.9 n/mm <sup>2</sup> | Very Strong<br>2,215 psi<br>15.3 n/mm <sup>2</sup> | Strong<br>1,116 psi<br>7.7 n/mm <sup>2</sup> | Very Strong<br>2,376 psi<br>116.4 n/mm <sup>2</sup> |
| Tear Strength Die C Before Break | 134 lb./in.<br>23.4 n/mm                           | 137 lb./in.<br>24 n/mm                             | 81 lb./in.<br>14.2 n/mm                      | 271 lb./in.<br>47.5 n/mm                            |
| Uses                             | Strong, flexible molds                             | Strong, firm molds                                 | Strong 0% shrinkage molds                    | Strong, very firm molds                             |
| Color                            | Natural Tan  | Natural Tan  | Pink   | Grey  |

\* See instructions

\*\* Special note about shrinkage rates: The figures given for this and all other rubber molding compounds are for the rubber mold itself, not the wax pattern it produces or the final casting produced from the wax pattern. The same rubber compound molded around the same metal master model can produce highly variable final casting shrinkage rates depending on the mold maker & caster's skill, knowledge, precision and attention to detail. Final casting shrinkage is the result of the jewelry manufacturer's procedures