## Properties Bulletin

## FormRub Series Polyurethane Rubbers

| Product | Mix Ratio | Part A Color | Part B Color | Pour Time (min) | Demold Time (hr) | Total Cure <br> Time (Days) | Specific Gravity | Mixed Viscosity (cps) | Shore A Hardness | Tensile Strength PSI (Mpa)* | Elongation | Linear Shrinkage \% UV Resistance | Die C <br> Tear <br> Strength PLI <br> $(\mathbf{k N} / \mathrm{m})^{\star+}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FormRub 35 | 1A:1B | Clear Yellow | Turquoise | 15 | 16 | 7 | 1.02 | 600 | A35 | 283 (1.95) | 2,250 | $\begin{aligned} & \text { Nil } \\ & \text { Fair } \end{aligned}$ | 69 (12.08) |
| FormRub 50 | 1A:1B | Clear Yellow | Opaque Orange | 15 | 16 | 7 | 1.03 | 800 | A50 | 600 (4.14) | 975 | $\begin{aligned} & \text { Nil } \\ & \text { Fair } \end{aligned}$ | 115 (20.14) |
| FormRub 60 | 1A:1B | Clear Yellow | Opaque Off White to Tan | 22 | 16 | 7 | 1.04 | 2,000 | A60 | 835 (5.76) | 850 | $\begin{gathered} \text { Nil } \\ \text { Poor } \end{gathered}$ | 189 (33.09) |
| FormRub 65 | 1A:1B | Clear Yellow | Hazy Yellow | 35 | 16 | 7 | 1.04 | 1,500 | A65 | 500 (3.45) | 600 | $\begin{gathered} \mathrm{Nil} \\ \text { Very Good } \end{gathered}$ | 150 (26.27) |

*PSI/145=Mpa (megapascals)
**PLI $\times 0.1751=\mathrm{kN} / \mathrm{m}$ (kilonewtons per meter)
Disclaimer: The information in this bulletin and otherwise provided by Polytek is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained by the use thereof, or that any such use will not infringe any patent. The user shall determine the suitability of the product for the intended use and assumes all risk and liability whatsoever in connection therewith.

