
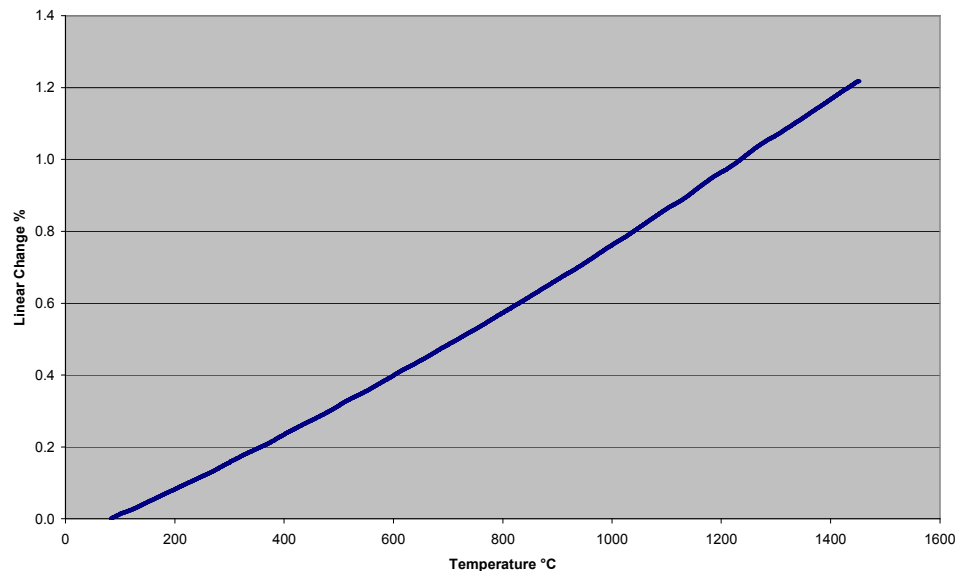


Emhart Glass 301 - Material Technical Data Sheet

| | | | | |
|---|--|--|------------------------------------|--------------|
| Mix ID: | 301 | | | |
| Mix Name: | | | | |
| Type: | Cast | | | |
| Application: | Expendables used for glass container production. Excellent glass corrosion resistance with good resistance to thermal shock. | | | |
| Typical: | Porosity: | 18% | Chemistry: | Wt. % |
|  | Density: | 3.2 g/cc | Al₂O₃ | 45 |
| | | | SiO₂ | 19 |
| | MOR: | 2900 PSI | ZrO₂ | 35 |
| | | | Fe₂O₃ | 0.2 |
| | Cold Crushing Strength: | | NaO | 0.2 |
| | | | CaO | N/A |
| | PCE: | 32 | MgO | N/A |
| | | | TiO₂ | 0.2 |
| | Linear Change on Reheat: | 10 x 10⁻⁶ (in/in/°C) | Other | 0.4 |

Thermal Expansion of E84



All data is subject to reasonable deviations and not to be used for specification purposes.