Innoleics Corp USA. 806 Verona Street, Suite 1 Kissimmee, Florida 34741 – USA Tel: (646) 583-2882



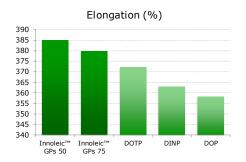
MECHANICAL PROPERTIES

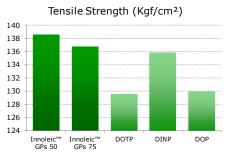
Comparative data

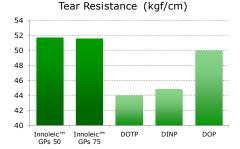
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Compounds formulated with epoxy plasticizers present greater resilience when compared to traditional plasticizers. This effect can be observed when both tensile strength and elongation (ASTM D 638) are greater for hardness-adjusted compounds.

The charts on the right show the comparative data of mechanical properties of Innoleic[™] third generation products and traditional plasticizers adjusted for hardness at 70 Shore A (ASTM D 2240). As it is shown, both tensile strength and elongation are increased in formulations with the Innoleic ${}^{\rm TM}$ MB plasticizers line, offering a compound that is more elastic or resilient than traditional formulations. This feature is valuable for various applications, providing higher resilience, which can result in a softer feel to the touch, greater durability for materials that undergo intermittent compression, or higher abrasion resistance.







This effect can also be observed on the tear resistance test (ASTM D 1004), as the chart shows. This is also a potential valuable characteristic, especially for applications such as upholstery, shoes, shower curtains, tarpaulins, or clothing.

This information refers only to the specific material here described and cannot be considered valid in case the material is used in combination with any other materials or processes. It is the user's entire responsibility to ensure that the material is adequate for its purpose and use. Innoleics cannot accept any liability for losses or damages that might incur due to the use of this information, nor offer any assurance against intellectual property violations