



Ophthalmic Optics

Requirements and Test Methods of Spectacle Frames

BS EN ISO 12870:2012, published on 30 April 2012, specifies the fundamental requirements for unglazed spectacle frames for the use with all prescription lenses. It is one of the international standards for testing all types of spectacle frames like rimless mounts, semi-rimless mounts and folding spectacle frames. The testing of those produced from natural organic materials also takes it as a basis.

Testing items of BS EN ISO 12870:2012 include:

- Dimensional tolerance
- Dimensional stability at elevated temperature
- Bridge deformation
- Lens retention
- Endurance
- Resistance to perspiration
- Resistance to optical radiation
- Resistance to ignition
- Nickel release (only for metal frame)

More testing services are available, please contact our staff of Textile, Furniture and Footwear Products Division.

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