Introducing PGS Application Services

Corning Precision Glass Solutions (PGS) now offers customers a deeper level of technical engagement throughout their product development cycles. Leveraging Corning’s global network of world-class modeling, testing, and measurement labs, PGS Application Services is designed to optimize customers’ use of glass, support pilot product development, and accelerate their ability to scale – saving development time and money.

Why Choose PGS Application Services

Our team of dedicated glass scientists and engineers can help customers:
✓ Select ideal substrate material, coatings, and optical design
✓ Reduce pilot product development time
✓ Identify sources of failure and improve product reliability
✓ Improve yield and quality control process enabling acceleration into mass production ramp

Best-in-Class Capabilities Include

- Mechanical reliability assessments for edge and surface strength, scratch resistance, and hardness
- Fractural analysis and fractography to identify root causes of failure
- Stress modeling and simulation to minimize in-process warp, for example
- Optical metrology for identifying defects and confirm intended performance
- Surface metrology for high accuracy thickness, flatness, and roughness attributes
- Composition analysis to ensure material authenticity
Application Services

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