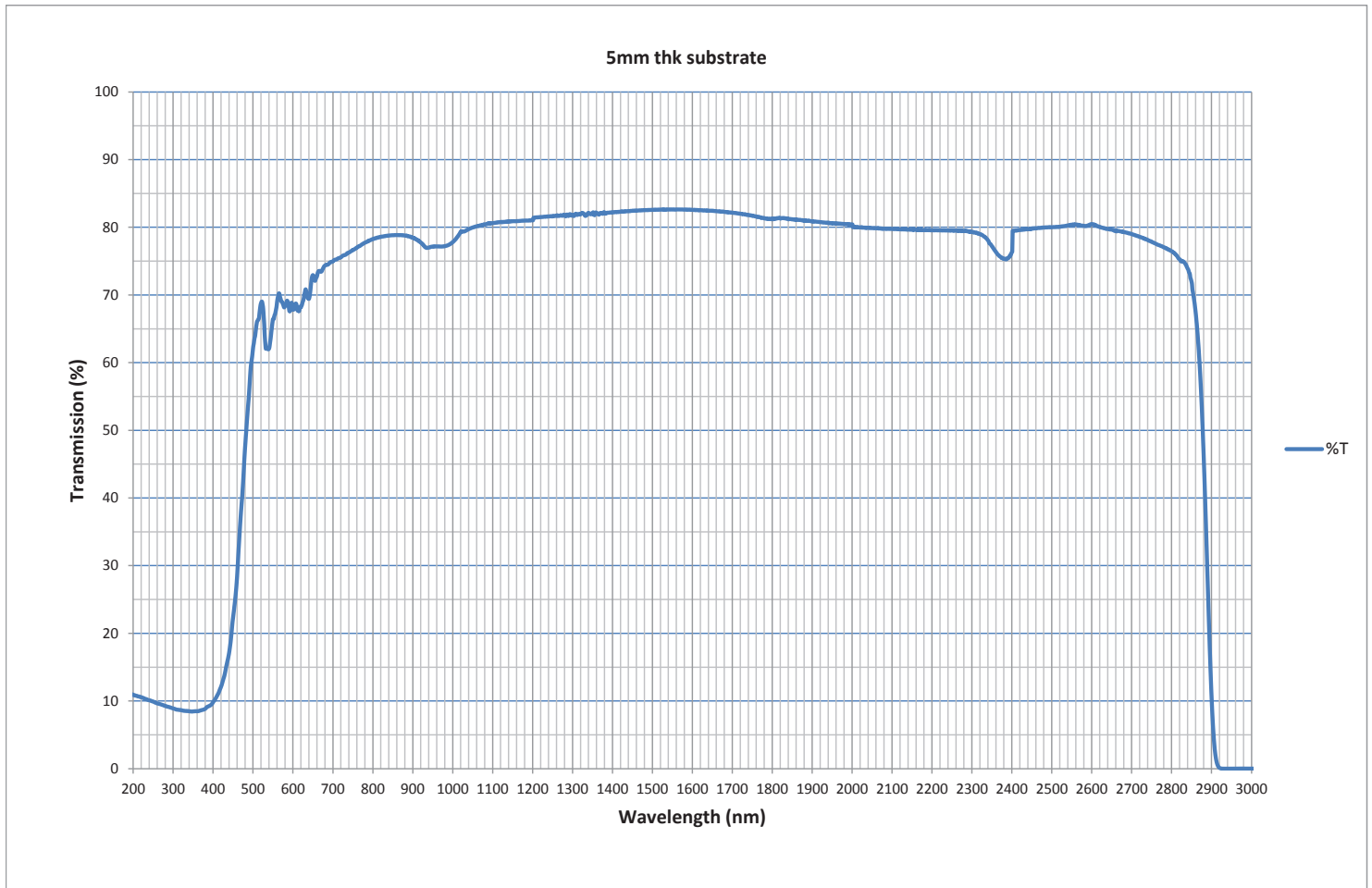


SHEET & TECHNICAL GLASSES

Title: Technical / Sheet Glasses

Material/Specification: Whitefloat glass for 340-2300nm transmission

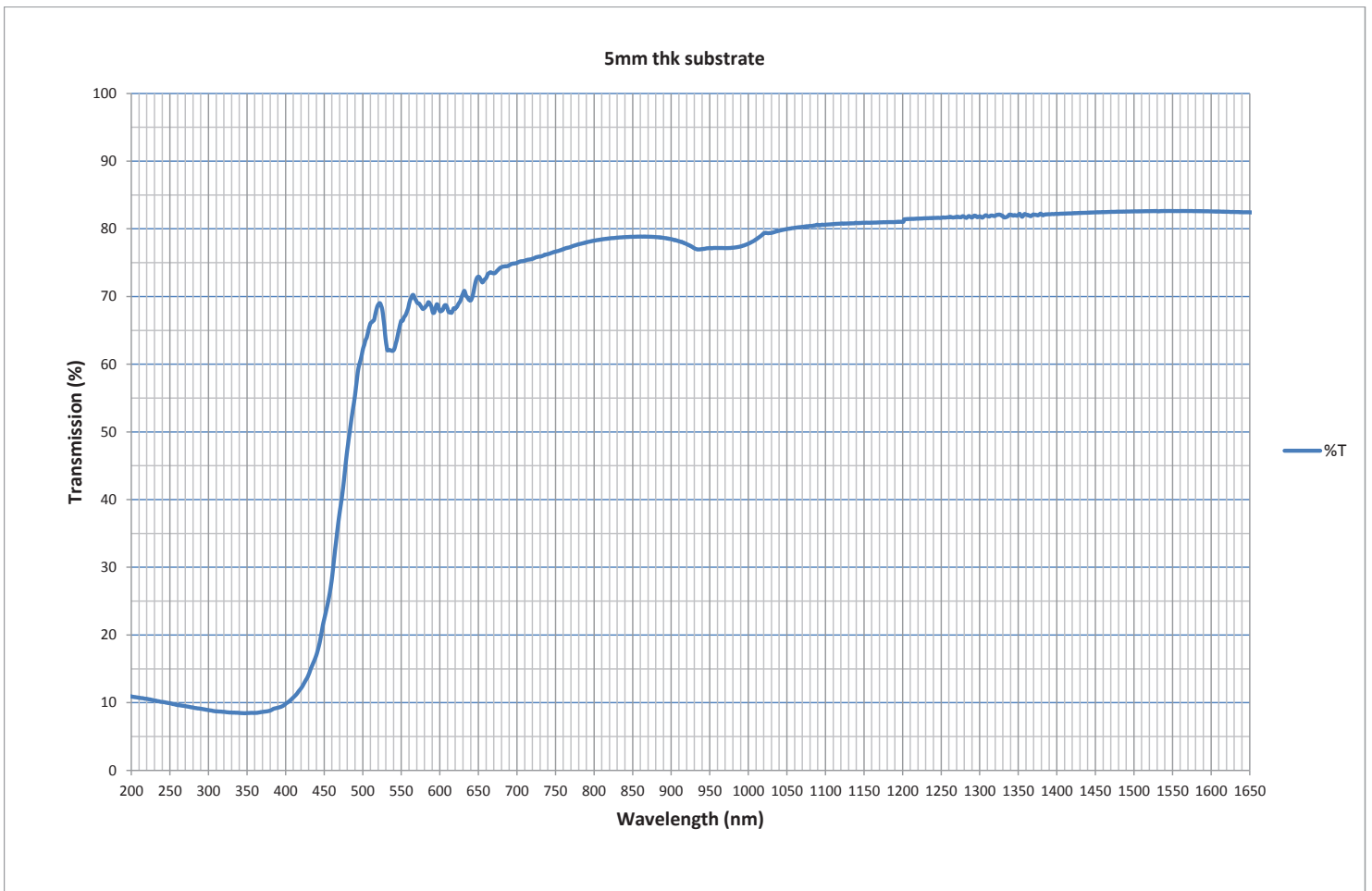
Range/Description: TSG-WFLOAT



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SHEET & TECHNICAL GLASSES



Physical Properties

- Modulus of Elasticity (Young's) 7.2×10^{10} Pa (10.4 x 106 psi)
- Modulus of Rigidity (Shear) 3.0×10^{10} Pa (4.3 x 106 psi)
- Bulk Modulus 4.3×10^{10} Pa (6.18 x 106 psi)
- Poisson's Ration 0.23
- Specific Gravity 2.53
- Density 2530 kg/m³ (158 lb/ft.³)
- Coefficient of Thermal Stress 0.62 mPa/°C (50 psi/°F)
- Thermal Conductivity 0.937 W.m/m².°C (6.5 btu.in/hr.°F.ft.)
- Specific Heat 0.21
- Coefficient of Linear Expansion 8.9×10^{-6} strain/°C (4.9×10^{-6} strain/°F)
- Hardness (Moh's Scale) 5 to 6
- Refractive Index (Sodium D line) 1.523
- Softening Point 1340°F (726°C)
- Annealing Point 1015°F (546°C)
- Strain Point 957°F (514°C)

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