



Secondary Coating KG 200-2

Liquid Coating

Viscosity (25°C)	5500 cps
Refractive Index (23°C)	1.51
Density (23°C)	1.11 kg/l
Surface Energy (23°C)	27 dynes/cm

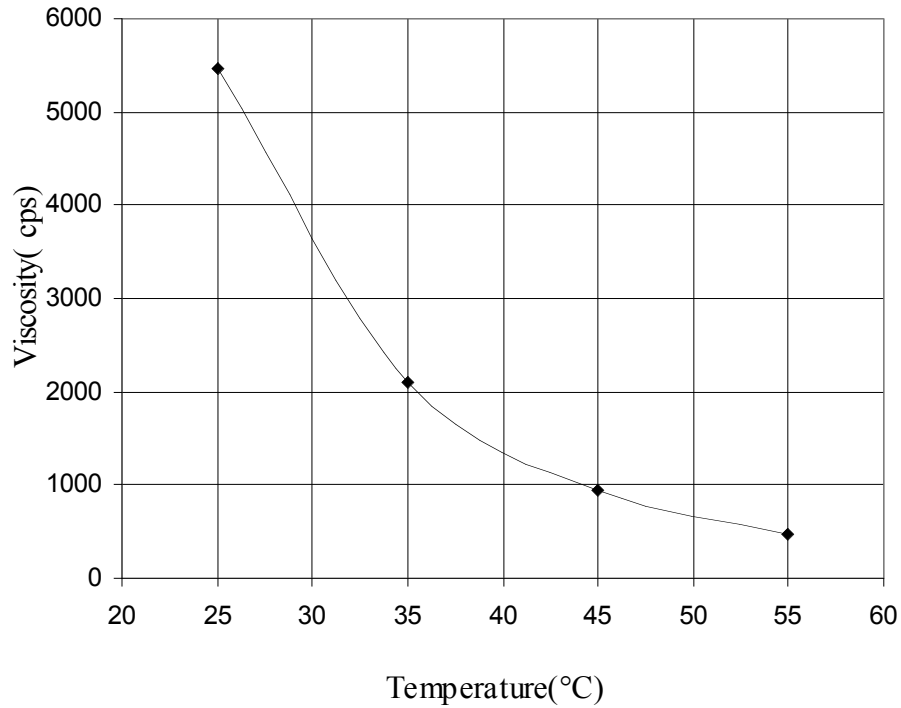
Cured Film

Modulus(E', 25°C)	1400 MPa
By DMA	
Temperature when E'=1000Mpa	38°C
Temperature when E'=100Mpa	68°C
Modulus at 2.5% elongation	760 MPa
Elongation	26%
Tensile strength	30 MPa
Expansion coefficient (glassy state)	55 ppm
Expansion coefficient (rubbery state)	220 ppm
Curing speed (at 95% of maximum modulus)	0.2 J/cm ²
Shrinkage upon curing	7.1%
Refractive Index (23°C)	1.53
Water absorption (150µm film)	1.0%
Water-soluble impurity (150µm film)	0.6%
Hydrogen generation (80°C, 24hrs, Ar)	0.2 µl/g
Weight loss	
8 weeks at 88°C	-1.0%
8 weeks at 125°C	-5.8%
Friction Coefficient (cured on SS under N ₂)	0.5

Packaging, Transportation, Storage

Packaging & Transportation	Packaged in 10kg plastic bottle, transported at room temperature.
Storage Conditions	Stored between 15°C to 30°C for up to 12 months.
Safety Precautions	Refer to packaging labels.

Viscosity vs. Temperature



Dynamic Mechanical Analysis

