



F-6975 Measurement Degree of curing by Cured temperature

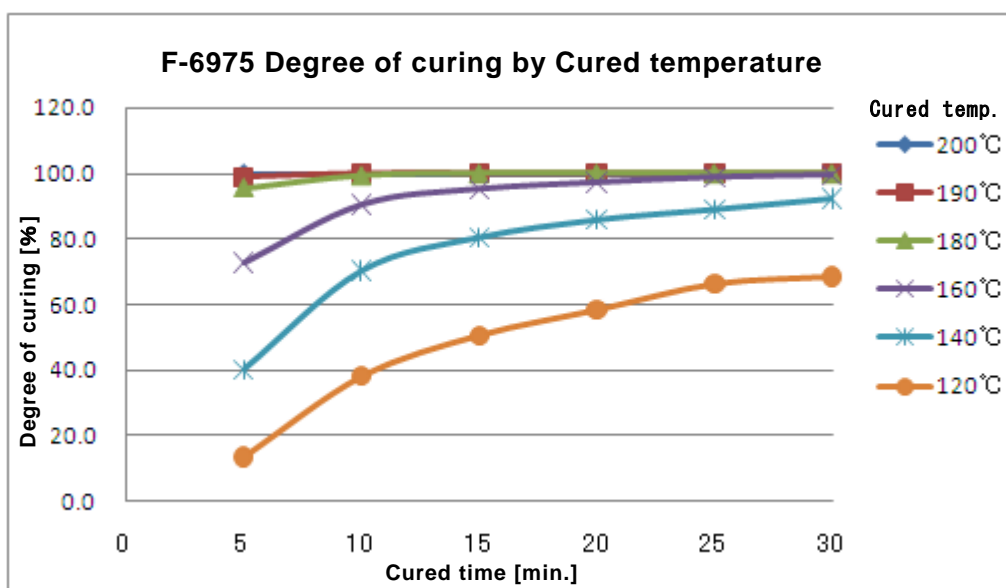
TECHNICAL
INFORMATION

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1. Purpose

Measure the degree of curing at each curing temperature of F-6975.

2. Result



	120°C	140°C	160°C	180°C	190°C	200°C
5min.	13.5	40.2	72.9	95.6	99.0	100.0
10min.	38.2	70.4	90.5	99.3	100.0	100.0
15min.	50.7	80.5	95.3	100.0	100.0	100.0
20min.	58.4	85.9	97.3	100.0	100.0	100.0
25min.	66.4	89.1	98.9	100.0	100.0	100.0
30min.	68.6	92.4	99.6	100.0	100.0	100.0

3. Measurement

Test piece: Cure 1g on aluminum plate in hot stove preheated at fixed temperature.

Measurement degree of curing:

Measure the residual amount of exothermic peaks related to curing with DSC 6200 made by SII.

$$\text{Degree of curing (\%)} = \frac{\text{Calorific value of powder} - \text{Residual amount of exothermic peak by curing}}{\text{Calorific value of powder}} \times 100$$

The information described in this report are representative values, not standard values.