

Relationship between Relative Humidity and Tg

Glass transition temperature (Tg) for each relative humidity with “Soarnol™” is shown in the following.

(1) Evaluation Method

Sample : Soarnol (32mol%, 38mol%, 44mol%)

Apparatus : Perkin Elmer DSC7

Programming rate : 10deg.C/min

(2) Result

Sample	Tg (deg. C)					
	0%	45%	65%	72%	88%	100%
Soarnol 32mol%	60	38	37	16	-	3
Soarnol 38mol%	58	40	37	38	18	6
Soarnol 44mol%	55	38	36	37	-	8