

Table 14.6

Uncured	Cured	Cured and coated
1.186	1.145	1.138
1.184	1.152	1.129
1.183	1.151	1.144
1.206	1.162	1.13
1.208	1.174	1.172

Average	1.1934	1.1568	1.1426
SD	0.012482	0.011389	0.01754423

<b>t test for uncured and cured</b>	0.000123	<b>Significant difference</b>
<b>t test for uncured and cured and coated</b>	0.002059	<b>Significant difference</b>
<b>t test for cured and cured and coated</b>	0.066981	<b>Not significant difference</b>

-t test looks for significant difference between two sets of data

-p value      Want a p value smaller than the critical value 0.05  
 Indicates there is >95% chance that the data difference is significant