

## Test Report Data Sheet

Material Type: PVC A

AGIPC Material Testing Lab PVC (Natural)			
Item	Result	Test Method	Unit
<i>Density</i>	<b>1.50±0.02</b>	ASTM D792	<b>g/cm<sup>3</sup></b>
<i>Ultimate Tensile Strength Before Aging</i>	<b>14±1</b>	IEC 60811-1-1	<b>N/mm<sup>2</sup></b>
<i>Ultimate Tensile Strength After Aging</i>	<b>16±1</b>	IEC 60811	<b>N/mm<sup>2</sup></b>
<i>Variance Of Aging (Tensile)</i>	<b>10</b>	IEC 60811	<b>%</b>
<i>Elongation At Break Before Aging</i>	<b>300±50</b>	IEC 60811-1-1	<b>%</b>
<i>Elongation At Break After Aging</i>	<b>300±50</b>	IEC 60811	<b>%</b>
<i>Variance Of Aging (Elongation)</i>	<b>10</b>	IEC 60811	<b>%</b>
<i>Hardness</i>	<b>85±3</b>	ASTM D2240	<b>Shore A</b>
<i>Heat Stability</i>	<b>90±5</b>	IEC 60811-3-2	<b>Minutes</b>

### Application

- Jacketing power cables with nominal voltage  $U_0/U \leq 1.8/3KV$