

**Product Texts**

SABIC® PP 510P is a fibre grade with an anti gas fading stabilisation package. This grade is suitable for e.g. wipes and industrial carpets.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>12</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>1700</b>	MPa	ISO 527
Yield stress	<b>35</b>	MPa	ISO 527
Yield strain	<b>11</b>	%	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>36</b>	MPa	ASTM D 638
Flexural Modulus	<b>1700</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R104</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>22</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Vicat softening temperature, A	<b>153</b>	°C	ISO 306
Vicat softening temperature, B	<b>82</b>	°C	ISO 306
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>104</b>	°C	ASTM D 648
Vicat Temperature	<b>153</b>	°C	ASTM D 1525

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>905</b>	kg/m <sup>3</sup>	ASTM D 792