

**SABIC® PP 413MNK45**

PP

Saudi Basic Industries Corporation (SABIC)

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>70</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>28</b>	MPa	ASTM D 638
Rockwell Hardness	<b>R94</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>65</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>35</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>95</b>	°C	ASTM D 648
Vicat Temperature	<b>150</b>	°C	ASTM D 1525