

SABIC® PP 512MK46

PP

Saudi Basic Industries Corporation (SABIC)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	50	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	27	MPa	ASTM D 638
Elongation at Yield	5	%	ASTM D 638
Rockwell Hardness	R98	-	ASTM D 785
Izod Impact notched, 1/8 in	59	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	38	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	110	°C	ASTM D 648
Vicat Temperature	149	°C	ASTM D 1525
Other properties			
Density	903	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding