

SABIC® PP 5271K

PP

Saudi Basic Industries Corporation (SABIC)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	38	MPa	ASTM D 638
Elongation at Yield	8	%	ASTM D 638
Rockwell Hardness	R 103	-	ASTM D 785
Izod Impact notched, 1/8 in	30	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	120	°C	ASTM D 648
Vicat Temperature	155	°C	ASTM D 1525
Optical properties			
ASTM Data			
Haze	17	%	ASTM D 1003
Other properties			
Density	905	kg/m ³	ASTM D 792

Characteristics**Processing**

Thermoforming

Features

High Crystallinity, Homopolymer

Special Characteristics

Heat stabilized or stable to heat, Transparent