



# TECHNICAL DATASHEET

## PP QR6701K

POLYPROPYLENE RANDOM COPOLYMER

### DESCRIPTION

SABIC PP QR6701K is specially developed for producing injection molded & ISBM articles with very high clarity at low processing temperatures. This grade contains advanced clarifier and anti-static agent.

SABIC PP QR6701K has the following features: Consistent processability; Good stiffness; Excellent clarity; Lower energy consumption and less cycle time due to low processing temperatures.

### TYPICAL APPLICATIONS

SABIC PP QR6701K can be used for clear housewares & packaging items, appliances, caps & closures, lids and bottles (ISBM).

### TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES <sup>(1)</sup></b>			
Melt Flow Rate (MFR)			
at 230°C and 2.16kg	10	g/10 min	ASTM D1238
Density			
at 23°C	905	kg/m <sup>3</sup>	ASTM D792
<b>MECHANICAL PROPERTIES <sup>(2)</sup></b>			
Tensile Properties			
Strength @ Yield	28	MPa	ASTM D638
Elongation @ Yield	12	%	ASTM D638
Flexural Modulus (1% Secant) <sup>(2)</sup>	1050	MPa	ASTM D790 A
Izod Impact Strength			
notched, at 23°C	85	J/m	ASTM D256
Rockwell Hardness, R-Scale	94	-	ASTM D785
<b>THERMAL PROPERTIES</b>			
Vicat Softening Temperature	128	°C	ASTM D1525
Heat deflection temperature at 455kPa	83	°C	ASTM D648



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