

# SABIC® 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>			
<b>Melt Flow Rate (MFR)</b>			
at 230°C and 2.16kg	10	g/10 min	ASTM D1238
<b>Density</b>			
at 23°C	905	kg/m <sup>3</sup>	ASTM D792
<b>MECHANICAL PROPERTIES <sup>(2)</sup></b>			
<b>Tensile Properties</b>			
Strength @ Yield	28	MPa	ASTM D638
Elongation @ Yield	12	%	ASTM D638
Flexural Modulus (1% Secant) <sup>(2)</sup>	1050	MPa	ASTM D790 A
<b>Izod Impact Strength</b>			
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

(1) Typical values; not to be construed as specification limits.

(2) Based on injection molded specimens

