

**Product Texts**

SABIC® PP QR678K is a very high melt flow index random copolymer with high transparency and good antistatic properties. This grade combines improved aesthetics of the finished articles with low temperature processability. Part aesthetics are not affected by the lower processing temperatures, providing for a broader operating window. The SABIC® PP QR678K presents very high melt flow rate, easy demoulding and good stiffness to impact ratio. Application: SABIC® PP QR678K is mainly used in injection moulding processes. The SABIC® PP QR678K is typically used at transparent applications where higher MFI's with good flow are required. Its intended applications include injection moulded housewares, office & home storage boxes, thin wall packaging and media packaging. Health, Safety and Food Contact regulations: Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site <http://www.SABIC.com>. The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/medical applications. IMDS 80775790

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>1100</b>	MPa	ISO 527
Yield stress	<b>28</b>	MPa	ISO 527
Yield strain	<b>13</b>	%	ISO 527
Charpy notched impact strength, +23°C	<b>4</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Shore D hardness	<b>64</b>	-	ISO 7619-1

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>52</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>75</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>125</b>	°C	ISO 306
Vicat softening temperature, B	<b>70</b>	°C	ISO 306

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer

**Special Characteristics**

Transparent

**Certifications**

Food contact