

**Product Texts**

SABIC® PP QR681K is a new highly transparent random copolymer grade in the blow moulding product range. Impact, transparency, stiffness are well balanced and give you the opportunity to make weight optimized blow moulding products. This grade combines improved aesthetics of the finished articles with low temperature processability. Part aesthetics are not affected by the lower temperatures, providing for a broader operating window. High transparency, contact clarity and gloss will produce appealing blow moulded bottles. These properties, combined with a high heat deflection temperature, result in a wide variety of applications where the SABIC® PP QR681K can be used. Application: SABIC® PP QR681K is used for various blow moulding processes like Extrusion Blow Moulding and Injection (Stretch) Blow Moulding. SABIC® PP QR681K applications range from household to personal care products, but the material is also very suited for food packaging where a high heat distortion could be required. 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.

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	950	MPa	ISO 527
Yield stress	26	MPa	ISO 527
Yield strain	13	%	ISO 527
Charpy notched impact strength, +23°C	8	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	65	°C	ISO 75-1/-2

**Characteristics****Special Characteristics**

Transparent

**Certifications**

Food contact

**Features**

Copolymer