

Product Texts

SABIC® PP QR673K is a highly transparent random copolymer with good antistatic properties. 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. The SABIC® PP QR673K results in excellent demoulding characteristics and has a good stiffness to impact ratio. Application: SABIC® PP QR673K is mainly used in injection moulding processes. The SABIC® PP QR673K aims at transparent applications ranging from injection moulded housewares, office & home storage boxes, lids to caps & closures. 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. This grade material is UL registered under File E111275 (www.ul.com) / IMDS 80775790

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1050	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Yield strain	13	%	ISO 527
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Shore D hardness	62	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	75	°C	ISO 75-1/-2
Vicat softening temperature, A	125	°C	ISO 306
Vicat softening temperature, B	68	°C	ISO 306

Characteristics**Processing**

Injection Molding

Features

Copolymer

Special Characteristics

Transparent

Certifications

Food contact