

Product Texts

SABIC® PP QR674K is a high melt flow index random copolymer with excellent transparency and good antistatic properties. This grade combines improved aesthetics of the finished articles with low temperature processability and a very good organoleptic performance. Part aesthetics are not affected by the lower processing temperatures, providing for a broader operating window. The SABIC®PP QR674K presents excellent flow behaviour, easy demoulding and good stiffness to impact ratio. Application: SABIC® PP QR674K is mainly used in injection moulding processes. The SABIC® PP QR674K aims 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, lids and 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. IMDS 80775790

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1150	MPa	ISO 527
Yield stress	29	MPa	ISO 527
Yield strain	13	%	ISO 527
Charpy notched impact strength, +23°C	4.5	kJ/m ²	ISO 179/1eA
Shore D hardness	64	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	52	°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	70	°C	ISO 306

Characteristics**Processing**

Injection Molding

Features

Copolymer

Special Characteristics

Transparent

Certifications

Food contact