

SABIC® PP QR6771K

POLYPROPYLENE RANDOM COPOLYMER FOR INJECTION MOLDING

DESCRIPTION

SABIC® QR6771K is a phthalate free high melt flow clarified polypropylene random copolymer grade for injection molding applications. This grade provides excellent clarity & surface gloss. It contains antistatic agent.

TYPICAL APPLICATIONS

SABIC® QR6771K can be used for producing transparent housewares, thin wall packaging items, appliances and caps & closures.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES ⁽¹⁾			
Melt Flow Rate (MFR)			
@ 230°C & 2.16kg load	70	g/10 min	ASTM D1238
Density			
@ 23°C	905	kg/m ³	ASTM D792
MECHANICAL PROPERTIES ⁽²⁾			
Tensile Properties			
Tensile Strength @ Yield	28	MPa	ASTM D638
Tensile Elongation @ Yield	12	%	ASTM D638
Flexural Modulus (1% Secant)	1100	MPa	ASTM D790 A
Notched Izod Impact Strength at 23°C	34	J/m	ASTM D256
Rockwell Hardness, R-Scale	94	-	ASTM D785
OPTICAL PROPERTIES			
Haze, 1 mm	10	%	ASTM D1003
THERMAL PROPERTIES			
Vicat Softening Point	130	°C	ASTM D1525
Heat Deflection Temperature at 455kPa	85	°C	ASTM D648

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

(2) Based on injection molded specimens

