

SABIC® PP QRYSTAL QR6771K FOR VERY HIGH CLARITY THIN WALL PACKAGING

SABIC® PP QRYSTAL QR6771K is the latest random copolymer material development from SABIC dedicated for injection molding of high clarity thin wall packaging applications. This product combines high transparency and high gloss with strength and stiffness. This new solution aimed to offer down gauging and very fast production for food and non-food thin wall packaging applications.

VERY GOOD ORGANOLEPTIC PERFORMANCE

SABIC® PP QR6771K is formulated for food contact application and it complies with the stringent food contact regulatory requirements. The formulation is designed to have good organoleptic performance that minimize potential taste and smell transfer to the food contents.

VERY HIGH CLARITY AND HIGH GLOSS

SABIC® PP QR6771K has very high clarity and high glossiness. These properties make it particularly suitable for the production of transparent thin wall packaging, caps & closures, housewares and appliances.

POTENTIAL BENEFITS



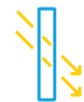
PHTHALATE FREE
FOR CONSUMER SAFETY



HIGH FLOW FOR THINNER WALLS
POTENTIAL FOR LIGHTER PACKAGING
AND USING LESS PACKAGING MATERIAL



POTENTIAL SHORTER CYCLE TIMES
LEADING TO LOWER ENERGY &
PROCESSING COST



VERY HIGH CLARITY & AESTHETICS
VERY GOOD SHELF APPEARANCES



ISOTROPIC SHRINKAGE
GOOD DIMENSIONAL STABILITY, LOW
WARPAGE, LOW PRODUCTION REJECT RATE



ORGANOLEPTIC PERFORMANCE
PURITY OF TASTE & SMELL OF THE
FOOD CONTENT



SABIC® PP QRYSTAL QR6771K RANDOM COPOLYMER

DESIGN FOR RECYCLING



REDUCE

Reduce energy consumption during production via lower processing temperature

RECYCLE

Recyclable via mechanical and chemical recycling processes



SABIC® PP QRYSTAL QR6771K PROPERTIES⁽¹⁾:

PARAMETERS	UNIT	TEST METHOD	VALUE
Melt flow rate @ 230°C	g/10min	ASTM D1238	70
Notched Izod impact strength @ 23°C	J/m	ASTM D256	34
Flexural modulus (1% secant)	MPa	ASTM D790A	1100
Haze (1 mm plaque)	%	ASTM D1003	11.5
Heat distortion temperature @ 455kPa	°C	ASTM D648	85
Vicat softening point	°C	ASTM D1525	130

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

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