

TECHNICAL DATASHEET

QR6701K



PRODUCT DESCRIPTION

Provisional - PP random co-polymer for Injection moulding QR6701K is specially developed for producing injection molded & ISBM articles with very high clarity at low processing temperatures and also has better impact properties than homo PP counterparts. This grade contains advance clarifier & anti-static agent.

TRPICAL APPLICATION

QR6701K can be used for clear houseware & packaging items, appliances, caps & closures, lids and bottles (ISBM).

TYPICAL DATA

Properties	Unit	Value ⁽¹⁾	ASTM Method
Resin Properties			
Melt Flow Rate @ 230°C & 2.16 kg load	g/10 min.	3	D 1238
Density @ 23°C	kg/m ³	905	D 792
Mechanical Properties ⁽²⁾			
Tensile Strength @ Yield	MPa	45	D 638
Tensile Elongation @ Yield	%	10	D 638
Flexural Modulus (1% Secant)	MPa	1600	D 790A
		1850	D 790B
Notched Izod Impact Strength @ 23°C	J/m	35	D 256
Rockwell Hardness, R-Scale	-	102	D 785
Thermal Properties⁽²⁾			
Vicat Softening Point	°C	150	D 1525B
Heat Deflection Temperature @ 455 KPa	°C	120	D 648