

## SABIC PP 6711K Polypropylene Copolymer for Injection Molding

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

### Material Notes:

**Product Description:** PP 6711K is a controlled rheology grade with narrow molecular weight distribution intended specifically for producing injection molded articles with high clarity, good flow properties & better impact properties than homo PP counterparts. This grade contains advance clarifier & anti-static agent. PP 6711K has the following features: Consistent processability Good stiffness Excellent clarity Low thickness Easy to flow Better cycle time when compared to normal random grades Less energy consumption  
**Typical Applications:** PP 6711K can be used mainly for clear, thin-wall containers, housewares, caps & closures and lids. Information provided by SABIC.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-PP-6711K-Polypropylene-Copolymer-for-Injection-Molding.php](http://www.lookpolymers.com/polymer_SABIC-PP-6711K-Polypropylene-Copolymer-for-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.010 - 0.020 cm/cm	0.010 - 0.020 in/in	
Melt Flow	45 g/10 min @Load 2.16 kg, Temperature 230 °C	45 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D638
Elongation at Yield	13 %	13 %	ASTM D638
Flexural Modulus, 1% Secant	1150 MPa	167000 psi	ASTM D790A
Izod Impact, Notched	0.560 J/cm	1.05 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	75.0 °C	167 °F	ASTM D648
Vicat Softening Point	128 °C	262 °F	ASTM D1525B

Processing Properties	Metric	English	Comments
Processing Temperature	190 - 230 °C	374 - 446 °F	Barrel Temperature
Mold Temperature	30.0 - 40.0 °C	86.0 - 104 °F	

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**