

# SABIC® PP 570P

## POLYPROPYLENE HOMOPOLYMER FOR INJECTION MOLDING

### DESCRIPTION

SABIC® PP 570P is specially developed for producing rigid injection molded articles for general purpose applications. It gives consistent processability, good mechanicals and high gloss in the products.

### TYPICAL APPLICATIONS

SABIC® PP 570P can be used for various houseware articles.

### TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES<sup>(1)</sup></b>			
<b>Melt Flow Rate</b>			
at 230 °C and 2.16kg	8	g/10 min	ASTM D1238
<b>MECHANICAL PROPERTIES</b>			
<b>Flexural Modulus (1% Secant)</b>	1630	MPa	ASTM D790 A
<b>Izod Impact Strength</b>			
notched, at 23°C	35	J/m	ASTM D256
<b>Rockwell Hardness, R-Scale</b>	102	-	ASTM D785
<b>Tensile Properties</b>			
Strength @ Yield	32	MPa	ASTM D 638
Elongation @ Yield	11	%	ASTM D 638
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Temperature</b>	155	°C	ASTM D1525
<b>Heat deflection temperature</b>			
at 455kPa	100	°C	ASTM D648

(1) Typical values, not to be construed as specific limits

### PROCESSING CONDITIONS

Typical processing conditions for 570P are:

Barrel temperature range: 200 - 250°C.

Mold Shrinkage: 1.2 - 2.5% depending on wall thickness and processing conditions.

Mold Temperature: Normally 15 - 40°C, up to 65°C for thick parts.