

SABIC® PP 5703P

POLYPROPYLENE HOMOPOLYMER FOR INJECTION MOLDING

DESCRIPTION

SABIC® PP 5703P is specially developed for producing rigid injection molded articles for general purpose applications. It gives consistent processability and high gloss at the products.

TYPICAL APPLICATIONS

SABIC® PP 5703P can be used for houseware articles, food containers, furniture and toys.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES ⁽¹⁾			
Melt Flow Rate (MFR)			
at 230°C and 2.16kg	12	g/10 min	ASTM D1238
Density			
at 23°C	905	kg/m ³	ASTM D792
MECHANICAL PROPERTIES ⁽²⁾			
Tensile Properties			
Strength @ Yield	34	MPa	ASTM D638
Elongation @ Yield	12	%	ASTM D638
Flexural Modulus (1% Secant)	1550	MPa	ASTM D790 A
Izod Impact Strength			
notched, at 23°C	30	J/m	ASTM D256
Rockwell Hardness, R-Scale	102	-	ASTM D785
THERMAL PROPERTIES			
Vicat Softening Temperature	154	°C	ASTM D1525
Heat deflection temperature			
at 455kPa	95	°C	ASTM D648

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

(2) Based on injection molded specimens

