

SABIC® PP 575P

POLYPROPYLENE HOMOPOLYMER FOR INJECTION MOLDING

DESCRIPTION

SABIC® PP 575P is specially developed for producing rigid injection molding articles for general purpose applications. It gives consistent processability and high gloss in the products.

TYPICAL APPLICATIONS

SABIC® PP 575P can be used for houseware articles, caps, closures, containers and toys.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES⁽¹⁾			
Melt Flow Rate			
@ 230°C & 2.16kg load	11	g/10 min	ASTM D 1238
MECHANICAL PROPERTIES			
Tensile Properties			
Strength @ Yield	35	MPa	ASTM D 638
Elongation @ Yield	11	%	ISO 527-2 1A
Flexural Modulus (1% Secant)	1600	MPa	ASTM D790 A
Notched Izod Impact Strength at 23°C	22	J/m	ASTM D256
Rockwell Hardness, R-Scale	104	-	ASTM D785
THERMAL PROPERTIES			
Vicat Softening Point	153	°C	ASTM D1525
Heat Deflection Temperature at 455kPa	98	°C	ASTM D648

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

PROCESSING CONDITIONS

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.