

SABIC® PP 574PF

POLYPROPYLENE HOMOPOLYMER
REGION ASIA

DESCRIPTION

SABIC® PP 574PF is a medium fluidity polypropylene homopolymer with consistent processability and properties.

TYPICAL APPLICATIONS

SABIC® PP 574PF can be used for housewares, caps, closures, containers and toys.

TYPICAL PROPERTY VALUES

Revision 20220721

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
@230°C&2.16kg	12	g/10 min	ISO 1133
Density			
@23°C	905	kg/m ³	ISO 1183
MECHANICAL PROPERTIES			
Tensile strength			
@Yield	33	MPa	ISO 527-2
Flexural Modulus			
(1% Secant)	1500	MPa	ISO 178
Izod impact notched			
@23°C	3.5	kJ/m ²	ISO 180
Rockwell Hardness			
R-scale	105	-	ISO 2039-2
THERMAL PROPERTIES			
Heat deflection temperature			
@455kPa	90	°C	ISO 75-2

STORAGE AND HANDLING

Polypropylene resin should be stored in a manner to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry and preferably do not exceed 50°C. SABIC would not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process PP resin within 6 months after delivery.

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