

SABIC® PP 5770NF

POLYPROPYLENE HOMOPOLYMER
REGION ASIA

DESCRIPTION

SABIC® PP 5770NF is a very high fluidity polypropylene homopolymer with outstanding processability and high stiffness. It contains nucleating agent.

TYPICAL APPLICATIONS

SABIC® PP 5770NF can be used for thin wall packaging, housewares and compounding.

TYPICAL PROPERTY VALUES

Revision 20220720

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
@230°C&2.16kg	70	g/10 min	ISO 1133
Density			
@23°C	905	kg/m ³	ISO 1183
MECHANICAL PROPERTIES			
Tensile strength			
@Yield	35	MPa	ISO 527-2
Flexural Modulus			
(1% Secant)	1700	MPa	ISO 178
Izod impact notched			
@23°C	3	kJ/m ²	ISO 180
THERMAL PROPERTIES			
Heat deflection temperature			
@455kPa	110	°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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