



# 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 20210707

| PROPERTIES                         | TYPICAL VALUES | UNITS    | TEST METHODS |
|------------------------------------|----------------|----------|--------------|
| <b>POLYMER PROPERTIES</b>          |                |          |              |
| <b>Melt Flow Rate (MFR)</b>        |                |          |              |
| @230°C&2.16kg                      | 70             | g/10 min | ISO 1133     |
| <b>Density</b>                     |                |          |              |
| @23°C                              | 905            | kg/m³    | ISO 1183     |
| <b>MECHANICAL PROPERTIES</b>       |                |          |              |
| <b>Tensile strength</b>            |                |          |              |
| @Yield                             | 35             | MPa      | ISO 527-2    |
| <b>Flexural Modulus</b>            |                |          |              |
| (1% Secant)                        | 1700           | MPa      | ISO 178      |
| <b>Izod impact notched</b>         |                |          |              |
| @23°C                              | 3              | kJ/m²    | ISO 180      |
| <b>THERMAL PROPERTIES</b>          |                |          |              |
| <b>Heat deflection temperature</b> |                |          |              |
| @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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