

SABIC® PP 5052P

PROVISIONAL DATA SHEET POLYPROPYLENE HOMOPOLYMER

DESCRIPTION

SABIC® PP 5052P is a homopolymer which formulated with a low water-carry-over additives packages. It is suitable used for extrusion and thermoforming applications

TYPICAL APPLICATIONS

SABIC® PP 5052P can be used for extrusion and thermoforming applications

TYPICAL PROPERTY VALUES

Revision 20240925

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES ⁽¹⁾			
Melt Flow Rate (MFR)			
at 230°C and 2.16kg	1.8	g/10 min	ISO 1133
MECHANICAL PROPERTIES ⁽¹⁾			
Tensile Stress at Yield	34	MPa	ISO 527-1/-2
Tensile modulus	1500	MPa	ISO 527

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

PROCESSING CONDITIONS

PP 5052P: Recommended melt temperature in the range of 190-240°C can be used.

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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