

SABIC® PP 595A

POLYPROPYLENE HOMOPOLYMER FOR USE IN AUTOMOTIVE COMPOUNDING

DESCRIPTION

SABIC® PP 595A has been specially developed for use in automotive compounding. The material has high flow properties and a high stiffness, enabling high production rates. It is formulated with a dedicated automotive additive package.

IMDS ID: 7172624

TYPICAL PROPERTY VALUES

Revision 20230511

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES ⁽¹⁾			
Melt Flow Rate (MFR)			
at 230 °C and 2.16 kg	47	dg/min	ISO 1133
Density at 23°C	905	kg/m³	ASTM D1505
MECHANICAL PROPERTIES ⁽²⁾			
Tensile Strength at Yield	35	MPa	ASTM D638
Tensile Elongation at Yield	11	%	ISO 527-1/-2
Flexural Modulus (1% Secant)	1800	MPa	ASTM D790 A
Notched Izod Impact Strength at 23°C	20	J/m	ASTM D256
Rockwell Hardness, R-Scale	104	-	ASTM D785
THERMAL PROPERTIES			
Vicat Softening Point	152	°C	ASTM D1525
Heat Deflection Temperature at 455kPa	108	°C	ASTM D648

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

(2) Based on injection molded specimens

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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