



# SABIC<sup>®</sup> PP 595A

POLYPROPYLENE HOMOPOLYMER FOR USE IN AUTOMOTIVE COMPOUNDING

## DESCRIPTION

SABIC<sup>®</sup> 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.

## TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES <sup>(1)</sup></b>			
<b>Melt Flow Rate</b>			
at 230 °C and 2.16 kg	47	dg/min	ISO 1133
<b>Density at 23°C</b>	905	kg/m <sup>3</sup>	ASTM D1505
<b>MECHANICAL PROPERTIES <sup>(2)</sup></b>			
<b>Tensile Strength at Yield</b>	35	MPa	ASTM D638
<b>Tensile Elongation at Yield</b>	11	%	ISO 527-1/-2
<b>Flexural Modulus (1% Secant)</b>	1800	MPa	ASTM D790 A
<b>Notched Izod Impact Strength at 23°C</b>	20	J/m	ASTM D256
<b>Rockwell Hardness, R-Scale</b>	104	-	ASTM D785
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Point</b>	152	°C	ASTM D1525
<b>Heat Deflection Temperature at 455kPa</b>	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.