

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.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES ⁽¹⁾			
Melt Flow Rate			
at 230 °C and 2.16 kg	47	dg/min	ISO 1133
Density at 23°C	905	kg/m ³	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

