

Product Texts

SABIC® PPcompound G3230AE is a 30% short glass fiber reinforced Polypropylene for under-the-hood and structural applications. The base material is a PP homopolymer, optimized for low emission values. The glass fibres are chemically coupled to the PP matrix. This material has been designed to combine a good performance profile with fast processing. SABIC® PPcompound G3230AE is a designated automotive grade. IMDS ID: 325273910

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6500	MPa	ISO 527
Stress at break	97	MPa	ISO 527
Strain at break	3.7	%	ISO 527
Flexural modulus, 23°C	6300	MPa	ISO 178
Charpy impact strength, +23°C	53	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	150	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ISO 1183

Characteristics**Features**

Low Emission, Homopolymer