

**SABIC® PPcompound 3510H**

PP

Saudi Basic Industries Corporation (SABIC)

**Product Texts**

SABIC® PPCompound 3510H is a mineral filled PP copolymer for injection molded applications. It shows a good combination of flow and mechanical properties along with a low density. SABIC® PPcompound 3510H is a designated automotive grade. IMDS ID: 473361461

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1750	MPa	ISO 527
Yield stress	24	MPa	ISO 527
Stress at break	24	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178
Charpy notched impact strength, +23°C	11	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength	2	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	95	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	970	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer