

**Product Texts**

SABIC® PPcompound 108CS15 is a material with good flow, impact and stiffness. The material is part of the SABIC® PP CS systems and also available as a CS system: using a mixture of 70% SABIC® PP 108MF10 and 30% SABIC® PPcompound 20MBT yields similar properties as listed below. SABIC® PPcompound 108CS15 is a designated automotive grade. IMDS ID: 312967703

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1350	MPa	ISO 527
Yield stress	16	MPa	ISO 527
Stress at break	12	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1400	MPa	ISO 178
Charpy notched impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	105	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1000	kg/m <sup>3</sup>	ISO 1183