

**Product Texts**

SABIC® PP PHC28 is the new development of SABICs very high impact PHC series. The grade combines very high impact resistance, also at low temperatures, with a good stiffness and offers very good flow properties. By its design it is offering potential of cycle time reduction, of down gauging and easiness of processing. PHC28 is typically used for injection moulding of applications requiring high impact from low to thick wall thickness such as suitcase shells, electronic equipment and automotive parts. SABIC® PP PHC28 is putting the combined stiffness and flow of very high impact copolymers to a next level. Health, Safety and Food Contact regulations: Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site <http://www.SABIC.com>. The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/medical applications.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>1100</b>	MPa	ISO 527
Yield stress	<b>21</b>	MPa	ISO 527
Yield strain	<b>6</b>	%	ISO 527
Charpy notched impact strength, +23°C	<b>60</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength	<b>7</b>	kJ/m <sup>2</sup>	ISO 180/1A

**Characteristics****Processing**

Injection Molding

**Certifications**

Food contact

**Features**

Copolymer