

# SABIC® PPcompound 95610CSU10

Polypropylene

Saudi Basic Industries Corporation (SABIC)

## Message:

SABIC® PPcompound 95610CSU10 is a mineral filled modified polypropylene. SABIC® PPcompound 95610CSU10 is a material with a high impact and stiffness. The material is part of the SABIC®PP CS systems and also available as a CS system: using a mixture of 80% SABIC®PP 95610 and 20% SABIC®PPcompound 20MBTFU yields similar properties as listed below. SABIC®PPcompound 95610CSU10 is a designated auto grade.

General Information			
Filler / Reinforcement	Mineral		
Additive	Impact Modifier		
Features	High Impact Resistance		
	High Stiffness		
	Impact Modified		
Uses	Automotive Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.961	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.4	g/10 min	ISO 1133
Molding Shrinkage (24 hr)	1.2	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	59		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/5/50
Yield, 3.20 mm, Injection Molded	17.0	MPa	
Break, 3.20 mm, Injection Molded	19.0	MPa	
Tensile Strain (Break, 3.20 mm, Injection Molded)	700	%	ISO 527-2/5/50
Flexural Modulus <sup>1</sup> (Injection Molded)	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	No Break		ISO 179/1eA
Charpy Unnotched Impact Strength (-40°C, Injection Molded)	No Break		ISO 179/1eU
Notched Izod Impact Strength			ISO 180/4A
-20°C, Injection Molded	10	kJ/m²	
0°C, Injection Molded	No Break		
23°C, Injection Molded	No Break		

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
Vicat Softening Temperature	120	°C	ISO 306/A
CLTE - Flow (23 to 80°C)	1.1E-4	cm/cm/°C	ASTM D696
NOTE			
1.	Method I (3 point load)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material


## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT