

PS Compound

ADVANTAGE

- High impact resistance
- Reasonable price
- High dimensional stability
- It has a uniform texture in terms of additive distribution and distribution
- Balance and harmony between toughness and hardness
- Increasing producing rate

APPLICATION

- Household appliances
- Disposable dishes
- **Building supplies**
- Electronic appliances











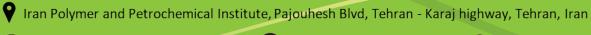




VIRA PSCC-326 (Black)

PSCC-326 is a general-purpose polystyrene filled with 10% calcium carbonate powder. This grade is designed to be processed in injection molding process.

Typical Value	Test Method
17.54g/10min	ASTM D1238
1.13 g/cm3	ASTM D792
25.36 MPa	ASTM D638
2.2 %	
24.03 MPa	
13.71 %	
3581.52 MPa	ASTM D790
65.88 MPa	
1.74 kJ/m²	ASTM D256
10%	ASTM D5630
	17.54g/10min 1.13 g/cm3 25.36 MPa 2.2 % 24.03 MPa 13.71 % 3581.52 MPa 65.88 MPa 1.74 kJ/m²





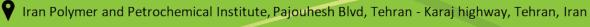




VIRA PSCC-600 (White)

PSCC-600 is a general-purpose white polystyrene filled with 40% calcium carbonate powder. This. This grade is designed to be processed in injection molding process. It offers optimum mechanical strength and excellent thermal properties.

Property	Typical Value	Test Method
Melt Flow Rate (200 °C/5 kg)	32.42 g/10min	ASTM D1238
Density	1.34 g/cm3	ASTM D792
Tensile Strength at Break(50mm/min)	13.81 MPa	- ASTM D638
Tensile Elongation at Break(50mm/min)	1.57 %	
Flexural Module(13mm/min)	3743.6 MPa	ASTM D790
Flexural Strength (13mm/min at 5% elongation)	31.34 MPa	
Izod Impact Strength, notched	1.29 kJ/m²	ASTM D256
ASH content	40%	ASTM D5630





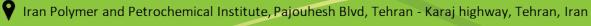




VIRA PSCC-601 (White)

PSCC-601 is a general-purpose white polystyrene filled with 35% calcium carbonate powder. This This grade is designed to be processed in injection molding process. It offers optimum mechanical strength and excellent thermal properties.

Property	Typical Value	Test Method
Melt Flow Rate (200 °C/5 kg)	31.28 g/10min	ASTM D1238
Density	1.32 g/cm3	ASTM D792
Tensile Strength at Break(50mm/min)	15.68 MPa	- ASTM D638
Tensile Elongation at Break(50mm/min)	1.78 %	
Flexural Module(13mm/min)	3803.6 MPa	ASTM D790
Flexural Strength (13mm/min at 5% elongation)	31.03 MPa	
Izod Impact Strength, notched	1.16 kJ/m²	ASTM D256
ASH content	35%	ASTM D5630









VIRA PSCC-602 (Black)

PSCC-602 is a general-purpose black polystyrene filled with 20% calcium carbonate powder. This. This grade is designed to be processed in injection molding process. It offers optimum mechanical strength and excellent thermal properties.

Property	Typical Value	Test Method
Melt Flow Rate (200 °C/5 kg)	18.2g/10min	ASTM D1238
Density	1.29 g/cm3	ASTM D792
Tensile Strength at Yield(50mm/min)	22.55 MPa	ASTM D638
Tensile Elongation at Yield(50mm/min)	2.43 %	
Tensile Strength at Break(50mm/min)	20.25 MPa	
Tensile Elongation at Break(50mm/min)	5.34%	
Flexural Module(13mm/min)	4015 MPa	ASTM D790
Flexural Strength (13mm/min at 5% elongation)	47.64 MPa	
Izod Impact Strength, notched	1.1 kJ/m²	ASTM D256
ASH content	21%	ASTM D5630

