



VIRA PSCC-602 (Black)

PSCC-602 is a general-purpose black polystyrene filled with 20% calcium carbonate powder. 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/cm ³	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/m ²	ASTM D256
ASH content	21%	ASTM D5630

Note: All data are average and are not defined as exact material properties.