



VIRA PSCC-600 (White)

PSCC-600 is a general-purpose white polystyrene filled with 40% 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)	32.42 g/10min	ASTM D1238
Density	1.34 g/cm ³	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/m ²	ASTM D256
ASH content	40%	ASTM D5630

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