



## VIRA PPGF-447

PPGF-447 is a type of polypropylene (PP) reinforced with 30% glass fiber. The inclusion of glass fibers enhances the material's mechanical properties, particularly its strength and rigidity, making it suitable for applications that demand higher durability and resistance to stress. This compound helps overcome some of the challenges faced by the polymer industry, providing a solution for creating lightweight yet highly durable components for various industries such as automotive, electronics, and industrial parts. The addition of glass fibers also improves heat resistance and dimensional stability, offering improved performance in demanding environments.

Property	Typical Value	Test Method
Density	1.12 g/cm <sup>3</sup>	ASTM D792
Tensile strength at Break(50mm/min)	68 MPa	ASTM D638
Tensile Elongation at Break(50mm/min)	5 %	
Flexural Module(13mm/min)	3500	ASTM D790
Izod Impact Strength, notched	13.6 kJ/m <sup>2</sup>	ASTM D256
ASH content	30 %	ASTM D5630

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