



## VIRA rPP

Recycled polypropylene (rPP) is a widely used plastic produced from the recycling of post-consumer polypropylene materials. It comes in various grades and colors, depending on industry needs and the intended end-use. The grades of recycled polypropylene are typically categorized into general-purpose, engineering, and upgraded grades, each offering different properties such as strength, heat resistance, and tensile performance. Additionally, recycled polypropylene is available in a range of colors, including white, gray, black, and others, making it suitable for various applications such as packaging, automotive parts, household goods, and industrial products.

Item	General			Physical			Mechanical		
	Application	Color	Appearance	Ash Content (600°C,40min)	Density	MFI (230°C,2.16Kg)	Tensile strength @ break (MD)	Elongation @ break (MD)	Charpy impact, notched
Test Method	-	-	-	ASTM 1603	ASTM D1505	ISO 1133	ISO 527		ISO 179-1
Unit	-	-	-	%	g/cm3	g/10min	MPa	%	Kj/m2
rPP463	Injection, Textile, Sheet	Transparent	Granule	1.5	1.01	9.81	21	21	4.5
rPP464	Injection	White	Granule	3.6	0.986	19.6	17	72	4
rPP465 (filled with calcium carbonate)	Injection	White	Granule	24	1.3	8	16	17	2
rPP466 (pipe grade)	Extrusion	White	Granule	4.2	0.93	1	18	201	11
rPP467	Injection	Black	Granule	2.5	1.01	9.66	21	22	5.5
rPP827 (Oriented)	Extrusion	Black	Granule	2.5	1.02	6.4	11	-	5
rPP429 (IML)	Injection	Black	Granule	1.4	1.01	52.9	17	-	4