



VIRA rPET

Recycled PET (rPET) is a widely used polymer in packaging, textiles, and industrial applications due to its excellent mechanical strength, durability, and transparency. It has good thermal properties, making it suitable for injection molding and extrusion. The key advantages of rPET include cost reduction, energy savings, and environmental sustainability by minimizing raw material consumption and waste. Common applications include bottles, food packaging, fibers, and automotive parts. With advancements in recycling technology, rPET can now match the quality of virgin PET, making it a viable alternative in various industries.

Item	General		Physical				Chemical				Chemical			Mechanical
	Application	Appearance	Size	Density	Powder Rate	Colour Flakes	pH	Humidity	Other Polymer	PVC content	Glass Transition Temp	Crystallinity Temp	Melting Temp	IV
Unit	-	-	%	g/cm ³	%	ppm	-	%	ppm	ppm	°C	°C	°C	DI/g
rPS608	Injection, Extrusion, Sheet	Flake	10	1.37	<1	0.25<	7	<0.75%	<10	<10ppm	80	155.2	254.3	0.7564