

PP composite with 30% recycled beverage carton. The suggested processing temperature is 190-230 °C. Drying is necessary before processing (70-80 °C, 3-4 hours).

Parameter	Method	Unit	Typical value
Melt flow index (230°C/2.16 kg)	ISO 1133-1	g/10 min	2.1
Density		kg/m <sup>3</sup>	1004
Tensile modulus	ISO 527-1.2	MPa	2290
Tensile strength	ISO 527-1.2	MPa	42.2
Elongation at break	ISO 527-1.2	%	7.9
Bending modulus	ISO 178	MPa	2430
Bending strength	ISO 178	MPa	51.3
Charpy impact strength (notched)	ISO 180/A	kJ/m <sup>2</sup>	4.6

