

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	0.7
Density		kg/m ³	958
Tensile modulus	ISO 527-1.2	MPa	1480
Tensile strength	ISO 527-1.2	MPa	32.4
Elongation at break	ISO 527-1.2	%	8.3
Bending modulus	ISO 178	MPa	1670
Bending strength	ISO 178	MPa	32.7
Charpy impact strength (notched)	ISO 180/A	kJ/m ²	9.6

