

Composite with 30% recycled beverage carton and recycled PP (at least 97.5% recycled material). 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	1.5
Density		kg/m <sup>3</sup>	1039
Tensile modulus	ISO 527-1.2	MPa	1670
Tensile strength	ISO 527-1.2	MPa	30.9
Elongation at break	ISO 527-1.2	%	7.5
Bending modulus	ISO 178	MPa	1980
Bending strength	ISO 178	MPa	40.4
Charpy impact strength (notched)	ISO 180/A	kJ/m <sup>2</sup>	6.1

