



CARBON EMISSIONS DATA (extruded sheet/roll)

BASED ON 1 TONNE of material extrusion

Virgin Material	Carbon kg CO2e KG	Carbon kg CO2e Tonne
PVC	2124.85	2.12485
PP	1854.89	1.85489
LDPE	2424.80	2.4248
HDPE	2024.87	2.02487
PET	2424.80	2.4248
GPPS	2474.79	2.47479
HIPS	2654.76	2.65476
ABS	4024.54	4.02454
Composta Form PLA	845.06	0.84506

Scope 1,2,3

Cradle to customers gate (based on 250 mile radius approx.)

Composta Form PLA Versus Other Materials

Composta Form PLA Versus	Other Materials	Carbon Reduction percentage
Composta Form PLA	Versus PVC	60.23%
Composta Form PLA	Versus PP	54.44%
Composta Form PLA	Versus LDPE	65.15%
Composta Form PLA	Versus HDPE	58.27%
Composta Form PLA	Versus PET	65.15%
Composta Form PLA	Versus GPPS	65.85%
Composta Form PLA	Versus HIPS	68.17%
Composta Form PLA	Versus ABS	79.00%

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