

PET RICICLATO (post-consumo) RECYCLED PET (post-consumption)

MATERIALE • MATERIAL



100% di R-PET (Polietilene riciclato post consumo) • 100% R-PET (Recycled polyethylene post-consumption)

COLORE • COLOR

Colori standard • Standard colors

PERSONALIZZAZIONE • CUSTOMIZATION

Stampa serigrafica • Screen printing

RICICLABILITÀ • RECYCLABILITY



Riciclabile nella raccolta differenziata "Indumenti", secondo le direttive del comune • Recyclable in separate collection "Clothes", according to the directives of the municipality

PRODUZIONE • MANUFACTURING

Prodotto in Europa o Cina • Made in Europe or China

CERTIFICAZIONI • CERTIFICATION

Polyethylene terephthalate (PET), mechanically recycled, for textiles

Punteggio Higg Index/SAC (Sustainable Apparel Coalition) per la materia grezza (1 Kg) prima del lavorazione.

Metodologia di punteggio: la procedura per convertire i dati del punto medio LCIA in punteggi ambientali per le categorie di impatto misurato LCIA (Life Cycle Impact Analysis / Analisi dell'impatto del ciclo di vita)

Biogenic Carbon Content & Water Consumption do not count towards the final MSI score*

Global Warming	Biogenic* Carbon Content	Eutrophication	Water Scarcity	Water Consumption	Resource Depletion, Fossil Fuels	Chemistry
0.65	-	0.27	0.06	-	0.50	0.96

Description

This process represents resin-specific environmental burdens associated with the production of secondary plastic pellets from post-consumer plastic scrap and used plastic products or packaging. The process includes a conservative estimate of 100 miles of transport of the waste plastic from location of discard ("curbside"), through locations of collection and to the recycling center. Within the recycling facility, washing, separation, granulation and pelletizing are modeled. This model applies mass allocation for the separation and cleaning of the mixed waste plastic, such that all plastics (PET, polypropylene, polystyrene), despite differing ease of separation, share the burdens of separation equally. The energy required for pelletization and compounding of the final plastic is specific to the polymer type, dependent on the material properties (specific heat and enthalpy of fusion) of the resin.

Modeling Notes

Data from Sphera: Recycling of polyethylene terephthalate (PET) [SAC] GUID: {50FF7133-4559-4414-818F-254367CB932B}

[Higg MSI Methodology and Data Version 3.5 \(Last updated: December 2022\)](https://portal.higg.org/60c4de463454b7000bf12149/product-tools/msi-v2/example-materials)

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