

Price list | cm.chemicals database by Carbon Minds

cm.chemicals by Carbon Minds is a life cycle inventory database for the environmental assessment of chemicals and plastics. SimaPro clients can purchase the Essentials – Global insights and the Plastics – Global insights data packages directly from PRé Sustainability.

Essentials – Global insights

- 78 chemicals
- Production and consumption mixes + major production technologies
- All available regions– includes all regions in our database + EU-27 average + Global average

Pricing

Commercial one-year license	€ 5,000
Educational one-year license	€ 2,500

Plastics – Global insights

- 92 plastics
- Major production technologies + available production and consumption mixes
- All available regions– includes all regions in our database + EU-27 average + Global average

Pricing

Commercial one-year license	€ 5,000
Educational one-year license	€ 2,500

Pricing conditions

- SimaPro clients who already have a Global insights package can get a 10% discount on a Plastics Global insights package.
- SimaPro clients who previously had a Basic or Technology insights package can now get a 25% discount (for the first year) if they purchase an Essentials or Plastics Global insights package.

Essential chemicals

List of chemicals covered in the essentials data package.

ORGANIC CHEMICALS

ETHYLENE-BASED CHEMICALS

ACETALDEHYDE
BUTENE-1 (FROM DIM.)
DECENE-1
DIETHAANOLAMINE
DIETHYLENE GLYCOL
ETHYLENE
ETHYLENE DICHLORIDE
ETHYLENE GLYCOL
ETHYLENE OXIDE
HEXENE-1
MONOETHANOLAMINE
OCTENE-1
TRIETHANOLAMINE
VINYL CHLORIDE

ORGANIC CHEMICALS

BENZENE-BASED CHEMICALS

ACETONE
ADIPIC ACID
ANILINE
BENZENE
BISPHENOL A
CAPROLACTAM
CHLOROBENZENE
CUMENE
DIISOCYANATE
ETHYLBENZENE
MALEIC ANHYDRIDE
METHYLENE DIPHENYL
NITROBENZENE
O-DICHLOROBENZENE
P-DICHLOROBENZENE
PHENOL
STYRENE

ORGANIC CHEMICALS

PROPYLENE-BASED CHEMICALS

2-ETHYLHEXANOL
2-ETHYLHEXYL ACRYLATE
ACRYLIC ACID (ESTER-GRADE)
ACRYLONITRILE
DIPROPYLENE GLYCOL
EPICHLOROHYDRIN
ETHYL ACRYLATE
ISOBUTANOL
ISOPROPANOL
N-BUTANOL
N-BUTYL ACRYLATE
PROPYLENE
PROPYLENE DICHLORIDE
PROPYLENE GLYCOL
PROPYLENE OXIDE
TRIPROPYLENE GLYCOL

ORGANIC CHEMICALS

TOLUENE-BASED CHEMICALS

TOLUENE
TOLUENE DISOCYANATE

XYLENE-BASED CHEMICALS

DIMETHYL TEREPHTHALATE
MIXED XYLENES
O-XYLENE
P-XYLENE
PHTHALIC ANHYDRIDE
TEREPHTHALIC ACID

OTHER ORGANIC CHEMICALS

HYDROGEN
PYROLYSIS GASOLINE
SYNTHESIS GAS (2:1)

ORGANIC CHEMICALS

C4-BASED CHEMICALS

BUTADIENE
C4 FRACTION
HEXAMETHYLENEDIAMINE
T-BUTANOL

METHANOL-BASED CHEMICALS

1,4-BUTANEDIOL
ACETIC ACID
METHANOL
METHYL ACRYLATE
METHYL METHACRYLATE
VINYL ACETATE

INORGANIC CHEMICALS

AMMONIA (NO CAPTURE)
CAUSTIC SODA (50%)
CHLORINE

PLASTICS

PET PELLETS (IV=0.6)
POLYETHYLENE (LD)
POLYETHYLENE (LLD)
POLYETHYLENE (HD)
POLYPROPYLENE
POLYSTYRENE (GENERAL PURPOSE)
POLYSTYRENE (HIGH IMPACT)
POLYVINYL CHLORIDE

Plastics data

List of plastics covered in the plastics data package.

PET pellets (IV=0.6)	plastic film (coextruded EVA/ polyamide/EVA)	polypropylene copolymer (2% ethylene-blended)
polyethylene (HD)	plastic film (coextruded HDPE/EVA)	polypropylene copolymer (8% ethylene-blended)
polyethylene (LD)	plastic film (coextruded HDPE/ LDPE)	polystyrene (expanded)
polyethylene (LLD)	plastic film (coextruded LDPE/ LLDPE/LDPE)	polystyrene, syndiotactic
polypropylene	plastic film (coextruded LDPE/ polyamide/LDPE)	polystyrene-maleic anhydride
polyvinyl chloride	plastic film (polycarbonate)	polystyrene-methyl methacrylate
polybutadiene	plastic film (unorientes PP)	polytetramethylene ether glycol
polystyrene (general purpose)	polyacetal copolymer	polytrimethylene terephthalate
polystyrene (high impact)	polyacrylamide (mole wight=10million)	polyvinyl acetate
ABS resin	polyacrylamide (mole wight=20million)	polyvinyl alcohol
butyl rubber	polyacrylamide (mole wight=7million)	polyvinyl butyral
ethylene/methyl acrylate copolymer	polyacrylate resin (superabsorbent)	SAN resin
ethylene/va copolymer	polyacrylonitrile fiber	specialty film (biaxial polyamide 6)
ethylene-norbornene copolymer	polyamide 6	specialty film (metallized oriented PP)
ethylene-propylene copolymer (2:3)	polyamide 66	specialty film (PEN)
fluorocarbon elastomer	polyarylate (BPA-IPA-TPA)	styrene-butadiene-styrene copolymer
high-performance film (polyetheretherketone)	polyarylate (DPIP-DPTP-BPA)	styrene-isoprene star copolymer (non-hydrogenated)
high-performance film (polyetherimide)	polyarylate (TCL-ICL-BPA)	styrene-isoprene-styrene elastomer
PBT pellets (30% glass-filled)	polycarbonate	tetrafluoroethylene/ethylene copolymer
PBT pellets (IV=0.85)	polyester (unsaturated)	thermoplastic polyurethane (polyester-based)
PBT pellets (IV>1.1)	polyester polycarbonate	thermoplastic polyurethane (polyether-based)
PCT pellets	polyetheretherketone	vdc/vcm copolymer
PCT pellets (glycol modified)	polyethylene (chlorinated)	vinyl acetate/ethylene copolymer
PET pellets (glycol modified)	polyethylene 2,6-naphthalate	vinyl ester resin
PET pellets (IV=0.7)	polyolefin plastomer	ethylene propylene copolymer (1:1)
PET polymer melt	polyphenylene oxide (modified)	ethylene propylene copolymer (1:3)
plastic film (biax oriented PP)	polyphenylene sulfide	ethylene propylene copolymer (3:1)
plastic film (blown HDPE)	polyphenylene sulfide (neat)	PAC (EO/PO, 1:1)
plastic film (blown LDPE)	polyphthalamide	polyether/polyester-based polyurethane dispersion
plastic film (blown LLDPE)	polyphthalamide (glass-filled)	polyether-based polyurethane dispersion
plastic film (coextruded EVA/LLDPE/ EVA)	polypropylene carbonate	