

Higg Advanced Services

Customer Webinar
Sept 2022



My Company My Account

Completion: 30%

Company Profile

- Management System
- Retailer
- Brand
- Stores
- Operations & Logistics
 - Environment
 - Social & Labor

Life Cycle Impact Assessment

TEXTILES
Cotton/Nylon Blend

Total Impact

🌡️ Global Warming	18.1
💧 Water Pollution	12.9
💧 Water Scarcity	18.0
🗑️ Fossil Fuel Use	20.3
🧪 Chemistry	2.92

Our speakers



Stefanie Kato

Senior Customer Success Manager

Higg



Annie Carlson

Business Development Manager

Higg



Katy Fuller

Junior Sustainability Partner

ASOS

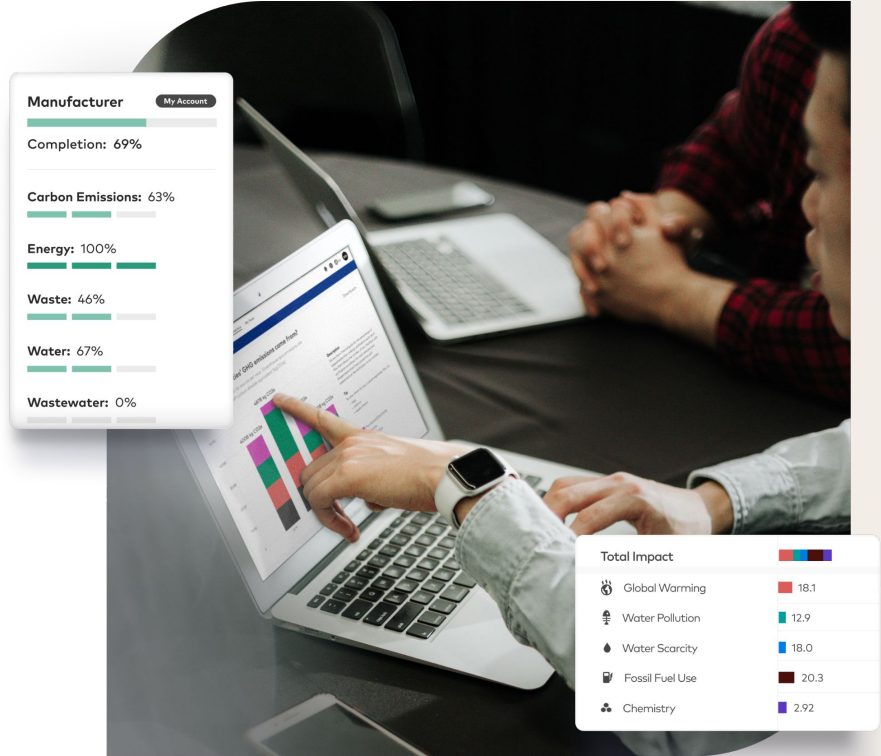
Agenda

- 1 Introduction
- 2 Advanced Services Overview
- 3 Supplier Engagement
- 4 ASOS Customer Discussion
- 5 Analytics
- 6 API Integrations
- 7 Service Plans & Pricing

Introduction

Higg is the sustainability insights platform.

Our software tools gather and organize primary data from each step of the value chain, so that you can understand – and improve – your entire impact.

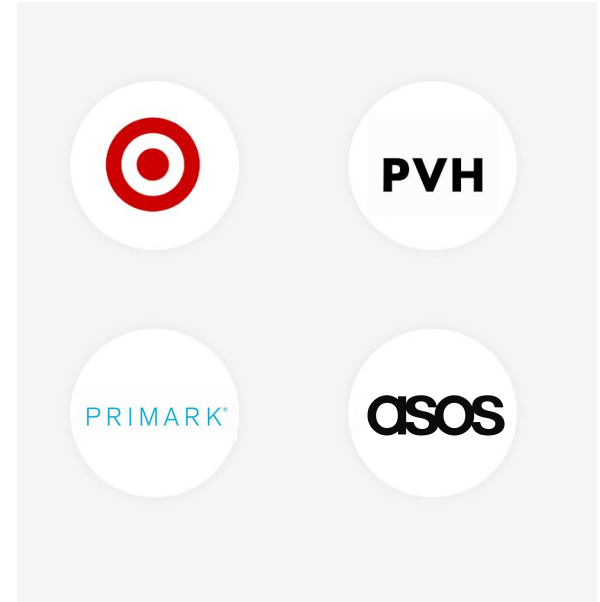


Higg Advanced Services:

Save hours managing sustainability

More insights and support with Advanced Services

- Save time, automate engagement
- Integrate Higg data across your business
- Meet Sustainable Apparel Coalition membership requirements



Advanced Users

Customer success: an extension of your team

- Biweekly progress reports
- End of cadence report
- Monthly check-in calls
- Dedicated customer success manager for a full year



Improve supplier engagement

Supplier Engagement

The easiest way to reach suppliers

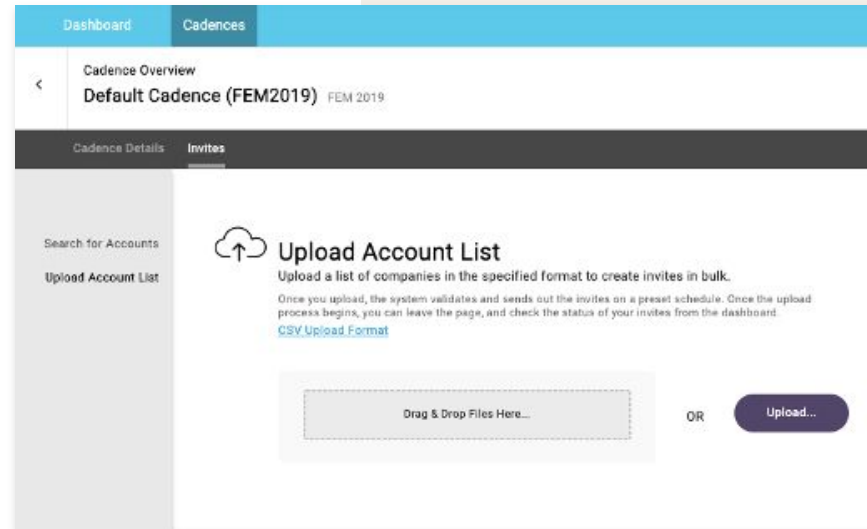
Higg leads the operational tasks:

- List management
- Account matching
- Direct facility emails
- Assessment progress tracking



Simplify set up

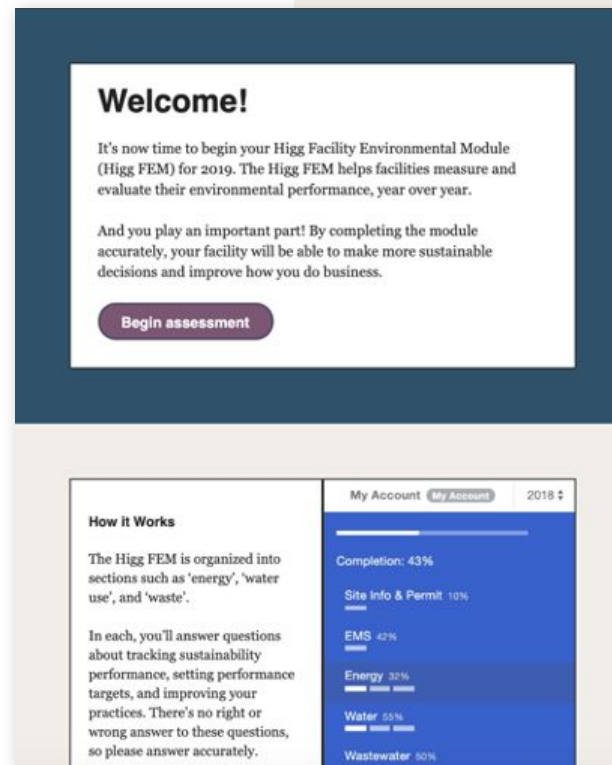
- Process + upload your supplier list
- Match suppliers with their existing Higg IDs, or invite new suppliers to join the platform
- Option to upload facility custom ID's and tags



Our email program drives higher completion

Strategic adoption email campaign includes:

- Customized emails to get facilities registered
- Email templates for brands to use in a coordinated campaign effort



Streamline supplier requirements: custom landing page

- Highlight your own requirements
- Provide tailored instructions

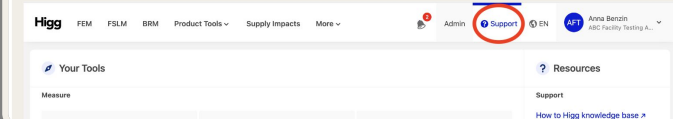
Brand Engagement Guidelines: [Your Company]

[Your logo here] + **Higg** | Trusted Sustainability Data

- ▶ Introduction
- ▶ Getting Started
- ▶ Key Dates +
- ▶ Resources

Getting Started

- **Create an account.**
 - **Your company / organisation must have a Higg account to participate in BRM.** [Click here for step-by-step instructions specific for Brand Partners \(non SAC Members\)](#)
- **Purchase your BRM access.**
 - **Purchase via Credit Card or Wire Transfer.** If your company must be billed an invoice select "wire transfer."
- **Manage** your account or add team members [click here](#). [Change or Reset password](#)
- Add **Office Hours and Trainings** to your calendar
- Bookmark howtohigg.com
- Select a "lead" within your company who will be responsible for tracking progress and assignment of questions across the company.
- Lead confirms all questions are answered
- **Questions?** BRM Brand Partners are on a priority queue. Access support once you're logged into your Higg account.



The screenshot shows the Higg user interface. At the top, there is a navigation bar with the Higg logo and several menu items: FEM, FSLM, BRM, Product Tools, Supply Impacts, and More. On the right side of the navigation bar, there are icons for Admin, Support (circled in red), EN, and a user profile for Anna Bendin. Below the navigation bar, there is a section titled 'Your Tools' with a 'Measure' button. On the right side, there is a 'Resources' section with a 'Support' link and a 'How to Higg knowledge base' link.



“PVH has been a strategic partner to Higg and the Sustainable Apparel Coalition since their founding. **The Higg Advanced subscription helps PVH achieve our goal of 100% adoption of industry tools such as Higg FSLM and FEM.** These industry measurement tools provide standardized data and a level playing field for collection action.”

– Ana Chiu, Director, Corporate Responsibility PVH

Case Study:

ASOS + Higg Advanced Services

Customer Discussion



Katy Fuller

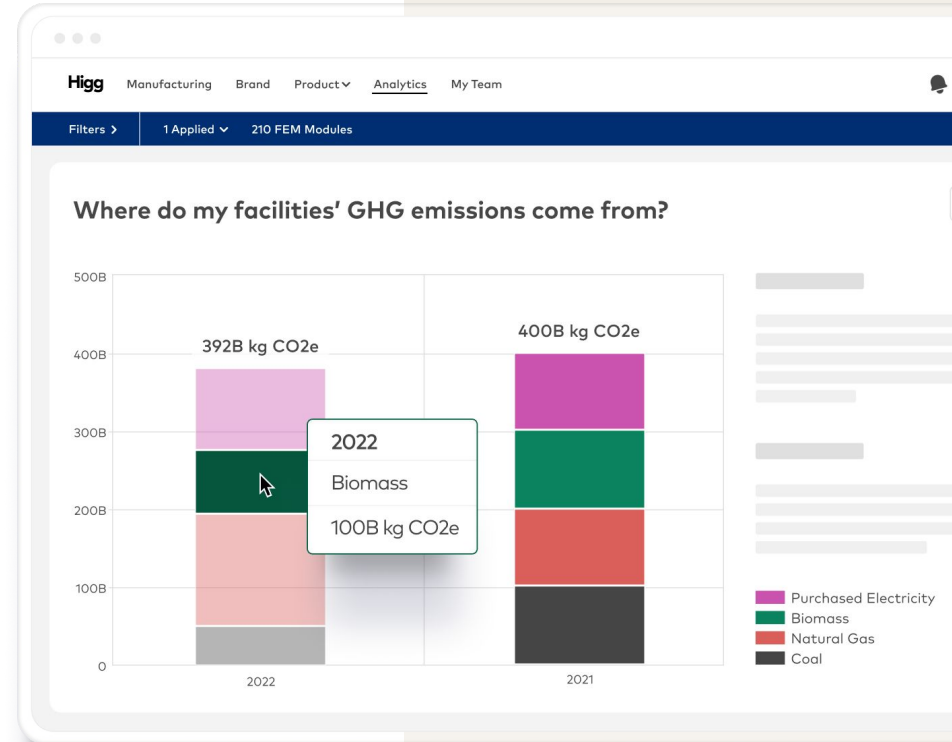
Junior Sustainability Partner

ASOS

Powerful supply chain analytics

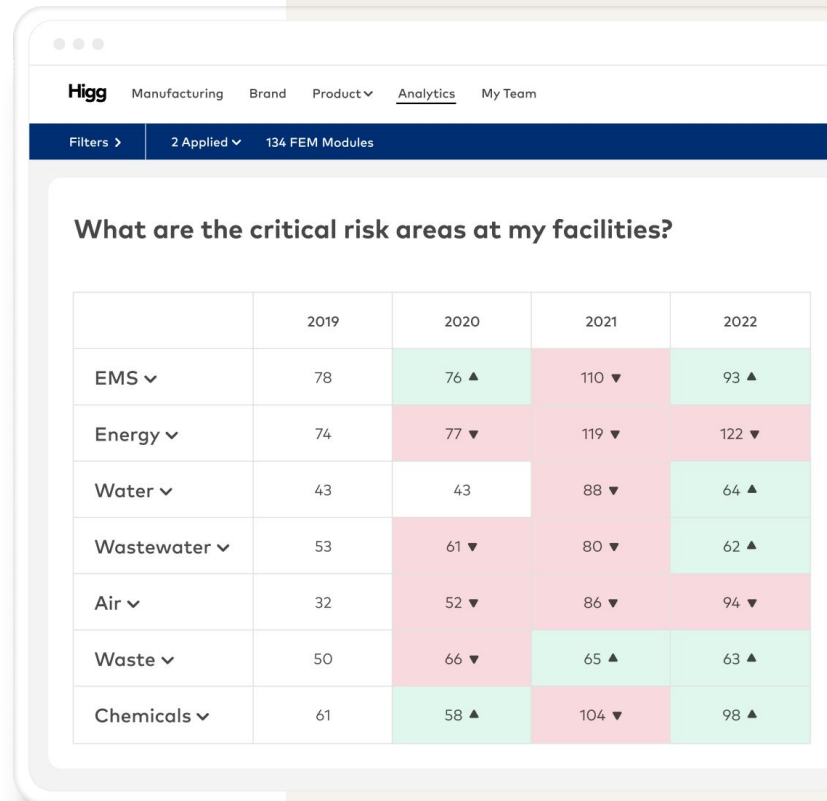
Track year-over-year progress on key impact areas

- Waste
- Energy
- Emissions
- Water



Uncover risks and areas for improvement

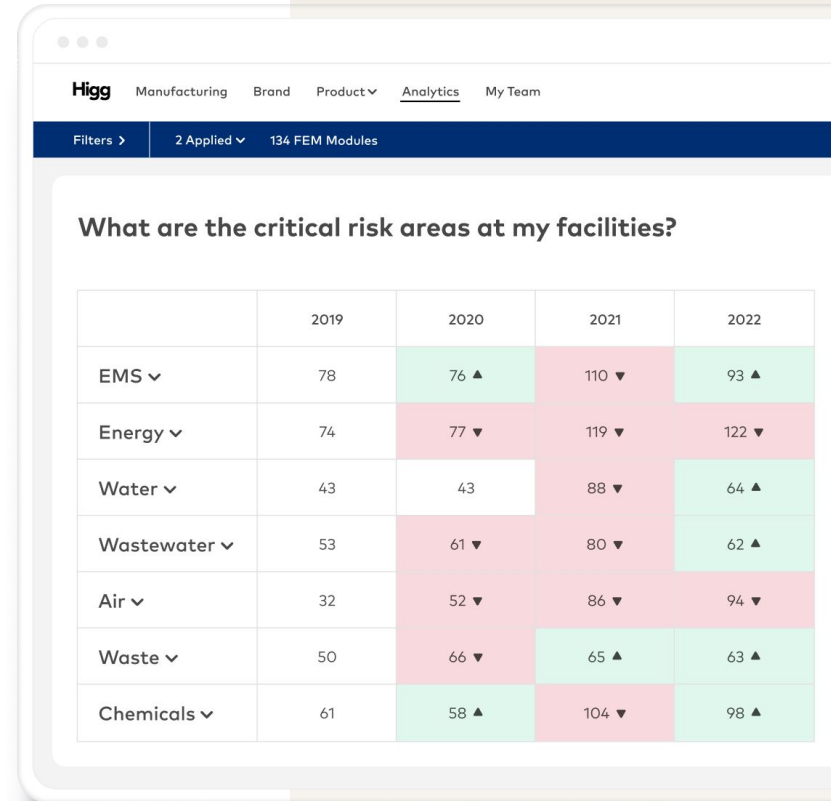
- Average section scores, levels achieved, country data, and top risk areas – based on shared Higg facility assessments



“The Critical Risks graph in Higg Analytics helps me understand how my suppliers are performing at a glance, without having to sort through years of data. This way, I can easily identify any risks, and even understand their performance over multiple years,”

- Hannah Parsons, Sustainability Assistant

NEW LOOK



Automate your data flow

Connect Higg to other systems & platforms

- Integrate data into your internal systems
- Flexible API integrations – get data the assessment or product level

The screenshot shows the Higg API documentation page for 'Get FEM Module Data'. The page includes a breadcrumb trail (Recipes > API References > Discussions), a POST method indicator, and the API endpoint URL: `https://api-v2.production.higg.org/api/moduledata/fem`. Below this, there are two recipe cards: one for 'Get high-level GHG data for all my verified 2019 FEMs' and another for 'FEMs updated since Saturday, May 1, 2021 1:00:00 AM GMT-07:00'. A 'YOUR REQUEST HISTORY' section shows 0 calls over a 7-day period. At the bottom, a table titled 'FEM Module Data Request Parameters' provides details on the 'version' parameter.

Attribute	Argument Type	Required	Usage
version	query	-	Specify which module category of data to retrieve (fem2017 / fem2018 / fem2019)

Send materials impact data to your PLM

Impact values available for 200+ raw materials:

- Global Warming
- Water Scarcity
- Fossil Fuel Depletion
- Water Consumption
- Biogenic Carbon

Sustainability Master Data

Save Cancel Query List

Advanced Search

Query

View + - Freeze

MSI Code	Description	Benchmark	Global Warming Score	Global Warming Midpoints (kg CO2 eq)	Water Scarcity Score	Water Scarcity Midpoints (M3 eq)	Eutrophication Score
0014	Cotton	48.5	15.3	4.68	0.937		9.29
0016	Cotton 80% Nylon 20%	90.6	9.9		45.9		15.3
0035	Fur free fur	52.3	30.2		5.4		23.5
0023	Viscose/Rayon	55.6	14.8		5.01		12.2
0021	Silk	1086	85.2		349		591
0019	Acetate	79.6	18.1		18		12.9
0026	Polyester Plastic	21.4	5.8		0.587		1.4
0008	Python	13.45	15	4.27	1		2
0024	Hemp	100	14		4.23		59.8
0027	Aluminium		9.05		0.658		2.54
0028	Gold		60240		3641		45323
0029	Silver		80.3		15.1		30.8
0032	Vegetarian Leather	29.876	7.76		0.424		1.76

Composition

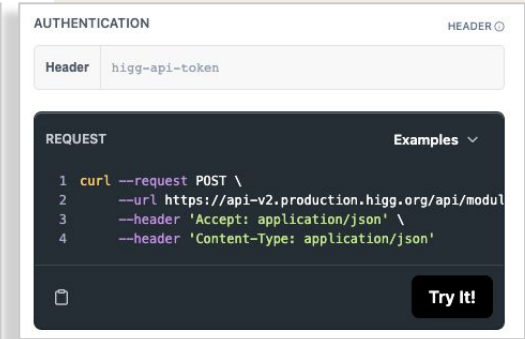
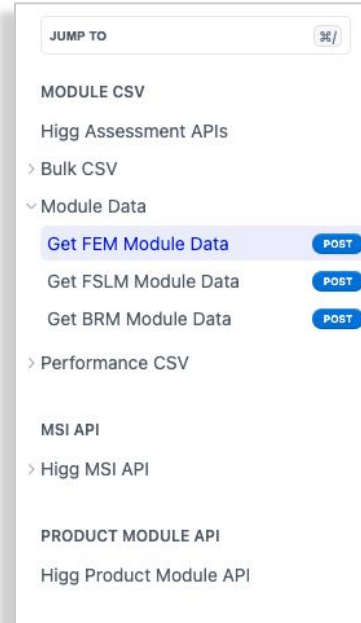
View + - Freeze

Fiber Sustainability Code	Fiber Descr.	Benchmark	Global Warming Score	Global Warming Midpoints (kg CO2 eq)	Water Scarcity Score	Water Scarcity Midpoints (M3 eq)	Eutrophication Score	Eutrophication Midpoints (kg PO4 eq)	Abiotic Resource
023	Wool		45.2		1.67				
024	Mohar		40.6		3.5				

Example of Higg materials within a PLM




Automate the flow of assessment data

- Reduce time manually processing CSV's
- Available for FEM, FSLM, and BRM.



Connecting the assessment API to your internal systems

Service Plans

Essentials	Expanded	DEDICATED SUPPORT Advanced
<p style="text-align: center;">Suite of:  Facility Tools  Brand Tools  Product Tools</p> <p style="text-align: center;"><i>Receive assessments from an unlimited number of suppliers</i></p>		
<ul style="list-style-type: none"> + Material impact library + Access to LCA data + Real-time supplier tracking 	<ul style="list-style-type: none"> + Material impact library + Access to LCA data + Supply chain performance analytics + Real-time supplier tracking + Set up support from Customer Success 	<ul style="list-style-type: none"> + Material impact library + Access to LCA data + Supply chain performance analytics + Real-time supplier tracking + Custom communications + 1-1 ongoing support from Customer Success

Company Revenue	Essentials	Expanded	Advanced
<\$20M	Included	\$2,160	\$7,200
\$20-\$100M	Included	\$2,880	\$10,800
\$100-\$500M	Included	\$3,600	\$14,440
\$500M-\$1B	Included	\$4,320	\$21,600
\$1B-\$10B	Included	\$7,200	\$25,200
>\$10B	Included	\$10,080	\$28,800

**Pricing for
corporate SAC
members only**

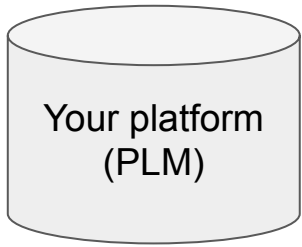
Non-members contact
BD@higg.com for
pricing

Questions?

For more information:

BD@Higg.com

Appendix



Choose from over 200+ raw materials available in the MSI API to automatically create your PLM materials in MSI.

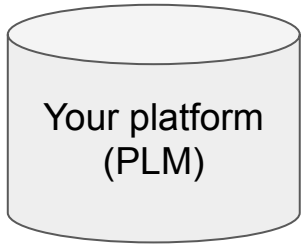


Material Impacts values are automatically sent to your PLM and include:

- Global Warming
- Eutrophication
- Water Scarcity
- Fossil Fuel Depletion
- Chemistry
- Water Consumption
- Biogenic Carbon

Name		Impact					MSI Score		Life Cycle Impact Assessment			
		Global Warming	Eutrophication	Water Scarcity	Resource Depletion, Fossil Fuels	Chemistry						
	TEXTILES Polyester fabric		9.66		3.29		1.32		12.6		9.29	—
Raw Material Source			3.30		0.563		0.491		6.24		2.29	Polyethylene terephthalate (PET...
Yarn Formation Method			2.09		0.731		0.291		1.61		1.11	Extrusion and melt-spinning, co...
Textile Formation			0.292		0.133		0.032		0.180		1.04	Knitting, 200 DTEX-180 denier...
Preparation			1.44		1.45		0.176		1.58		2.01	Scouring, synthetic fibers
Coloration			2.54		0.408		0.329		3.01		2.84	Batch dyeing (incl. piece, jet, jig...
Additional Coloration and Finishing			0		0		0		0		0	No Process Currently Selected f...
Chemistry Certifications		No Chemistry Certifications Selected										

You can further customize your material directly within MSI.



Name	Impact					MSI Score		Life Cycle Impact Assessment	
	Global Warming	Eutrophication	Water Scarcity	Resource Depletion, Fossil Fuels	Chemistry				
Polycarbonate fabric	9.66	3.29	1.30	12.6	9.29				
Blue Material Source	3.30	0.565	0.481	6.24	2.29				Polymethacrylate (PMMA) - PET
Blue Formulas Method	2.00	0.731	0.291	1.61	1.11				Explosion and High Pressure CO ₂
Teeth Formator	0.292	0.130	0.022	0.190	1.04				Carbon, 200 (CFC) - W/ water
Dispersion	1.44	1.46	0.179	1.68	2.01				Silicone, methacrylate (form)
Calculator	2.54	0.439	0.329	3.07	2.84				Barium fluoride (BaF ₂) (BaF ₂) - W/ water
Additional Certificates and Features	0	0	0	0	0				No Records Currently Selected (0)
Chemistry Certifications									No Chemistry Certifications Selected

Use your PLM<>MSI integration to automatically add your materials to a Bill of Materials in Product Module to automatically create a product.

Product-level impacts values are automatically sent to your PLM and include:

- Global Warming
- Eutrophication
- Water Scarcity
- Fossil Fuel Depletion
- Chemistry
- Water Consumption
- Biogenic Carbon

Select	Part Name	Category	Material	Amount	Unit	Net Use	Global Warming	Eutrophication	Water Scarcity	Resource Depletion, Fossil Fuels	Chemistry
<input type="radio"/>		Rubbers/Elastomers	Silicone rubber	0.250	kilograms	70 % Proxy	1,77 kg CO2 eq	5.158e-4 kg PO4-- eq	0.265 m3	23.0 MJ	3.07 units

1 - 1 of 1 items

+Add Material, Trim, Packaging

Cancel Save as Draft **Save & Finished Goods Manufacturing**

Absolute Product Impact	Global Warming Potential	Eutrophication	Water Scarcity	Abiotic Depletion Potential - Fossil Fuels	Chemistry Impact	Total Product Net Weight
	2.88 kg CO2 eq	0.040 kg PO4-- eq	0.522 m3	34.5 MJ	3.40 units	0.175 kg

You can further customize your products directly within Product Module.

Coming soon: better understand supplier progress

- Improved progress and conversion charts
- **Track conversion totals** and percentages at every stage – from account creation to assessment verification

