



tacchificio
VILLA CORTESE

che porta in alto
la bellezza
con il cuore
nella storia e
un passo

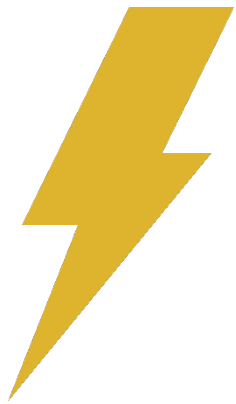
tuoro

uture

TVC GROUP



FHEELGREEN™



Electrical energy consumption
up to
- 65%



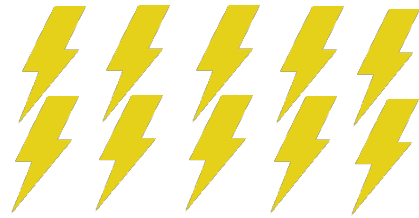
Total VOC
up to
- 90%



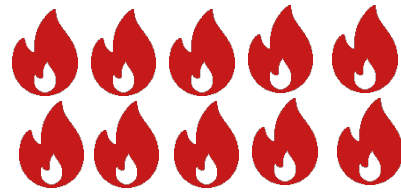
Wastewater production
up to
- 99%

ABS

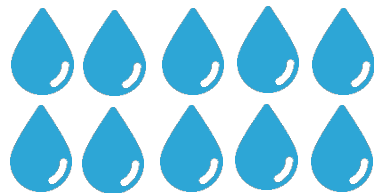
FHEELGREEN™



Electrical energy consumption
up to
- 65%



Thermal energy consumption
up to
- 80%



Wastewater production
up to
- 99%



Total VOC
up to
- 90%



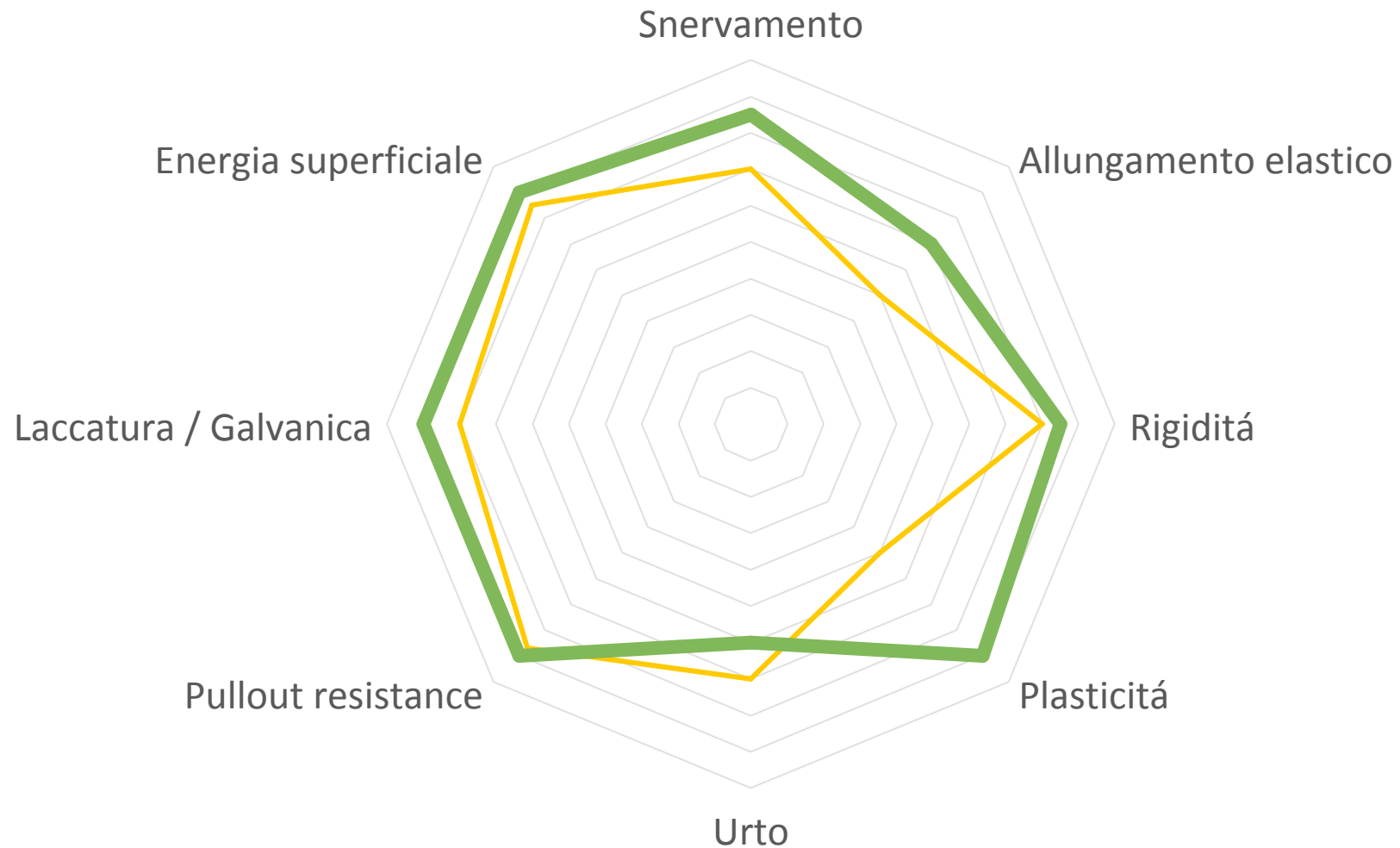


RESEARCH & DEVELOPMENT



FHEELGREEN™ / Performance

— ABS tradizionale — FheelGreen

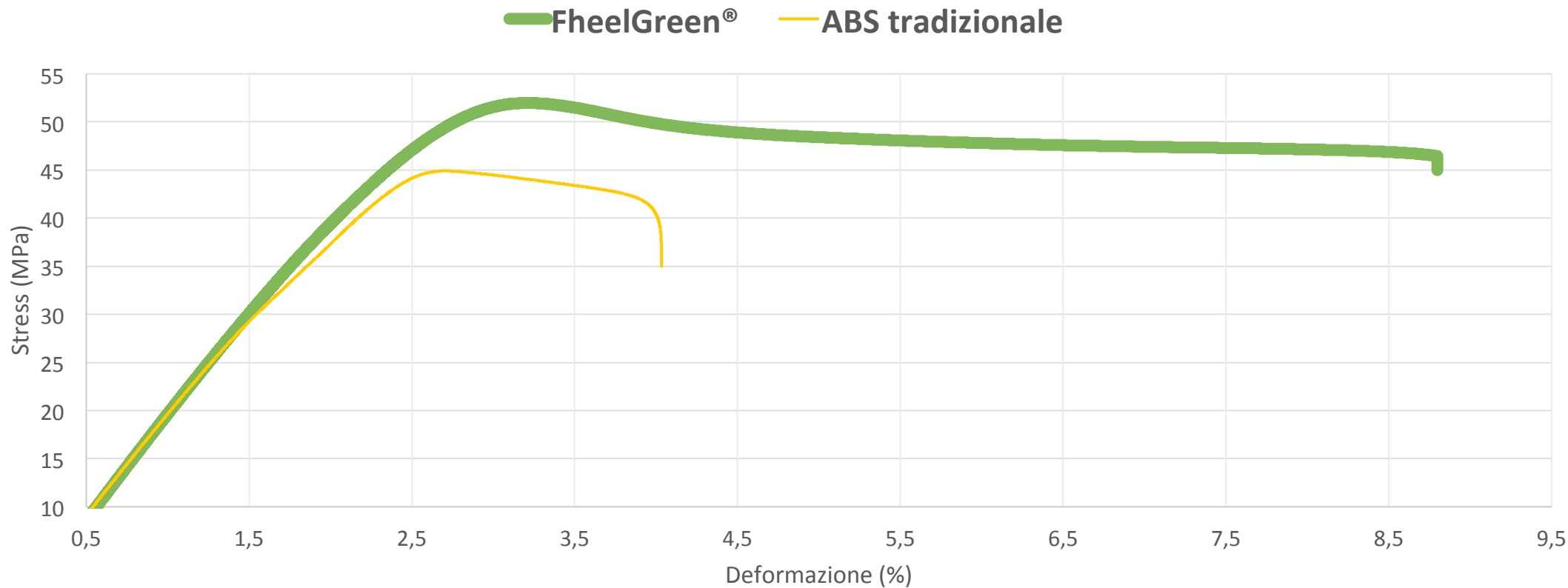


WARNING

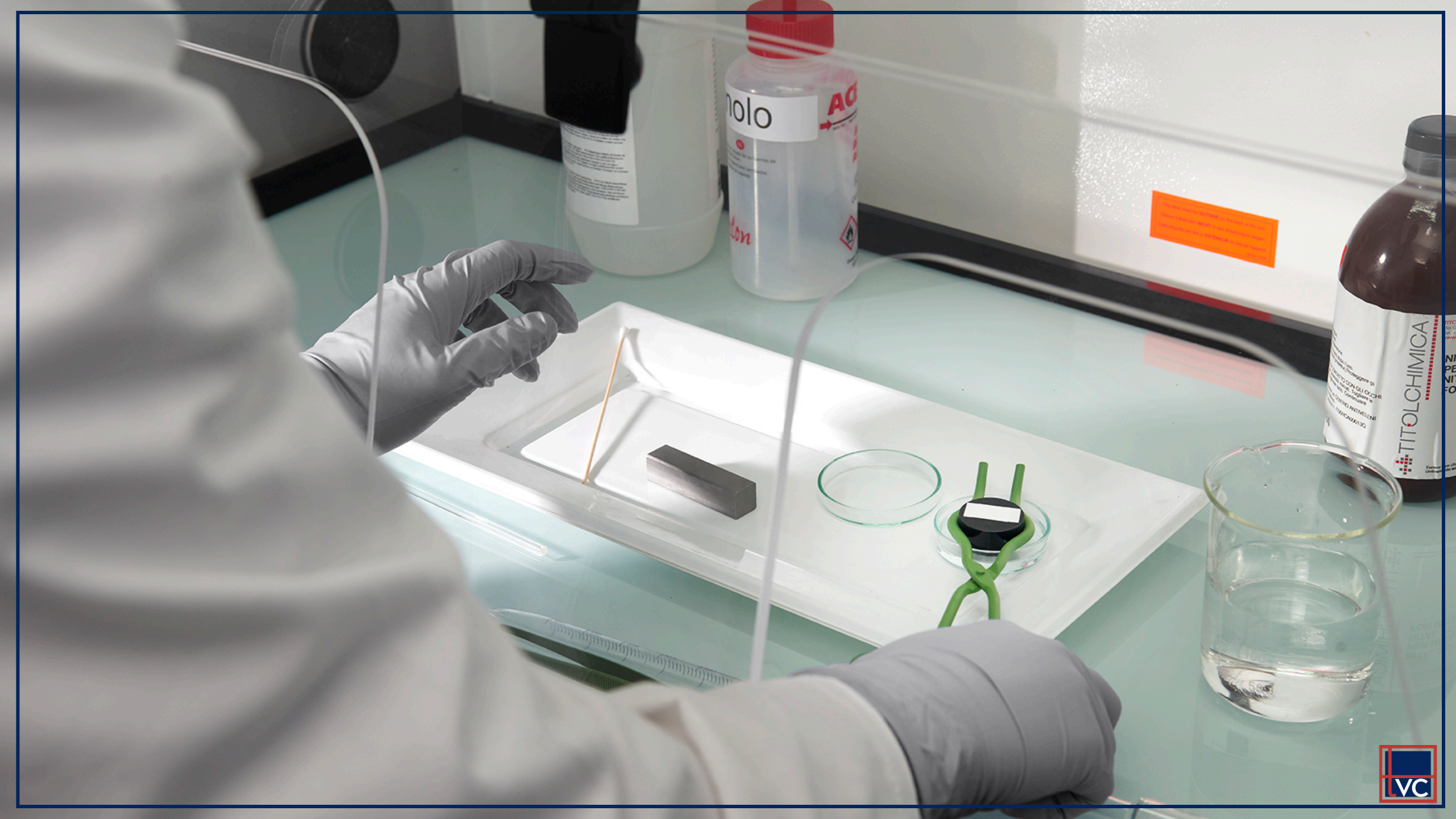
- Do not use flammable or corrosive solvent, or using the machine in the environment with flammable or explosive gas. To avoid electric shock, fire or explosion as this machine without explosion-proof equipment.
- Do not use acidic (pH < 4) or alkaline (pH > 11) or other corrosive solution to avoid corroding cleaning trough to leakage.
- Do not start the machine while there is no water or cleaning liquid in the trough. Otherwise, it will cause abnormal heating or fire. For machines with heater, the water surface should not be lower than "MIN HEATING LEVEL" to prevent damages to heating device.
- Do not directly place the work pieces on the bottom of the trough. They shall be placed on a tray or parts basket so as to avoid damaging energy consumer.
- Power supply must have good earth wire. If not, it may cause electric shock or bodily injury or death.



FHEELGREEN™ / Meccaniche



	Tenuta	Deformazione elastica	Deformazione totale	Energia elastica	Energia a rottura	Rigidità
FheelGreen (vs ABS tradizionale)	+16%	+19%	+120%	+39%	+189%	+6%



nolo

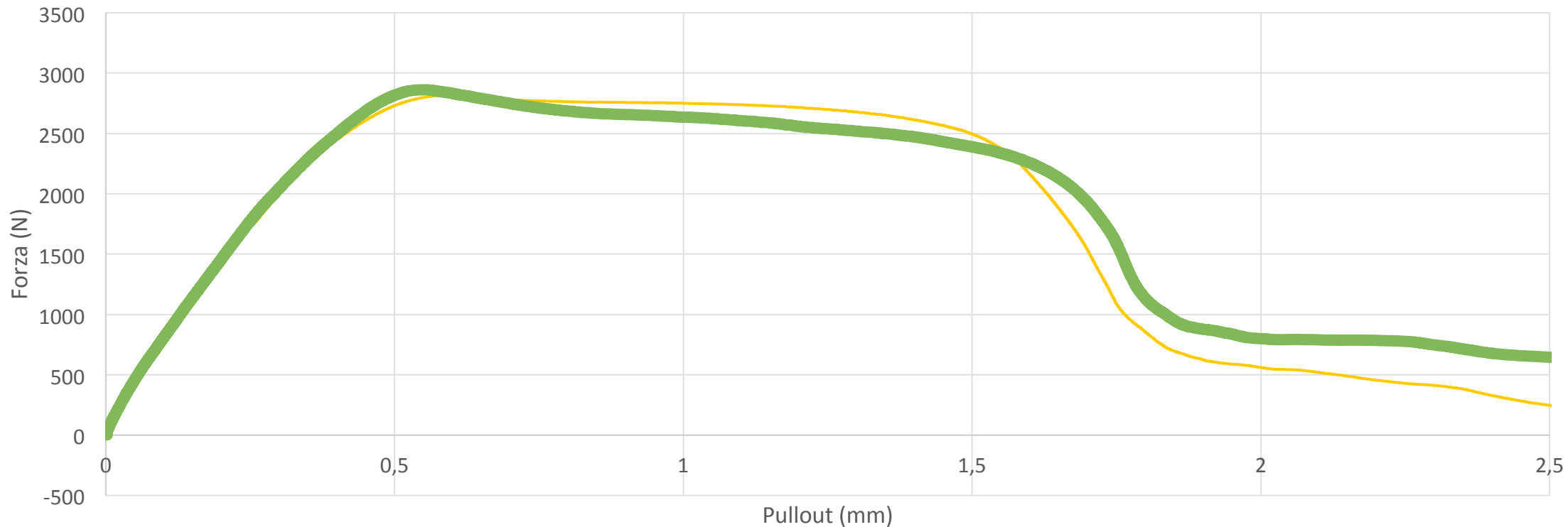
AC

TITOLCHIMICA



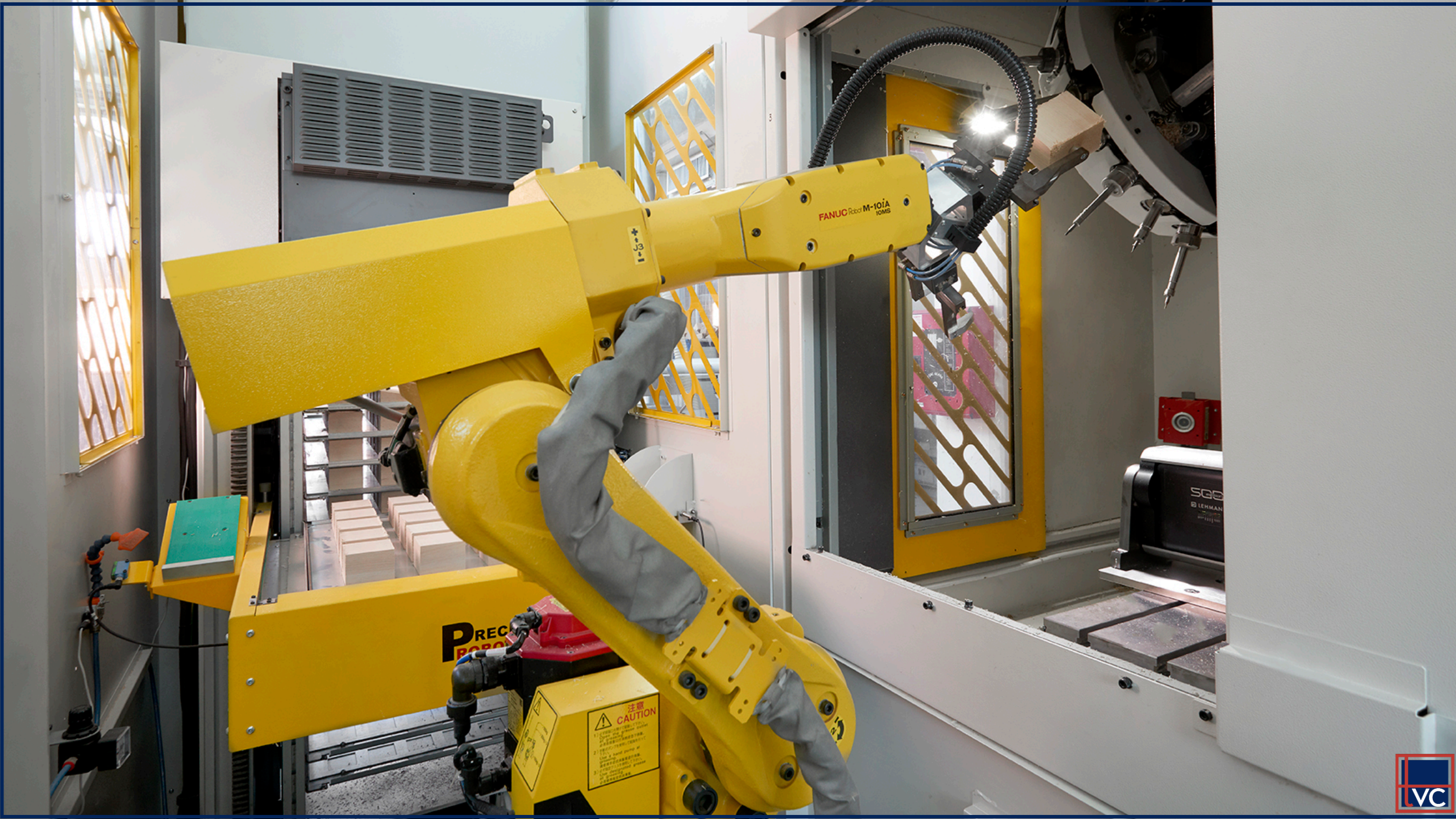
FHEELGREEN™ / Pullout

— ABS tradizionale — FheelGreen®

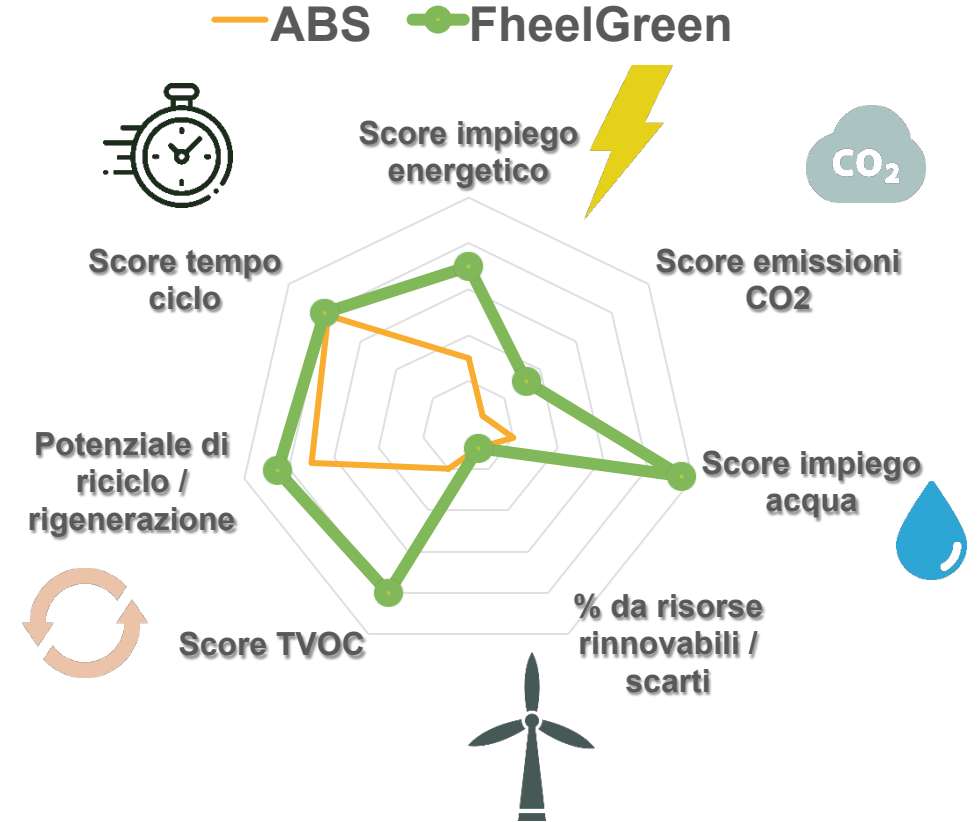
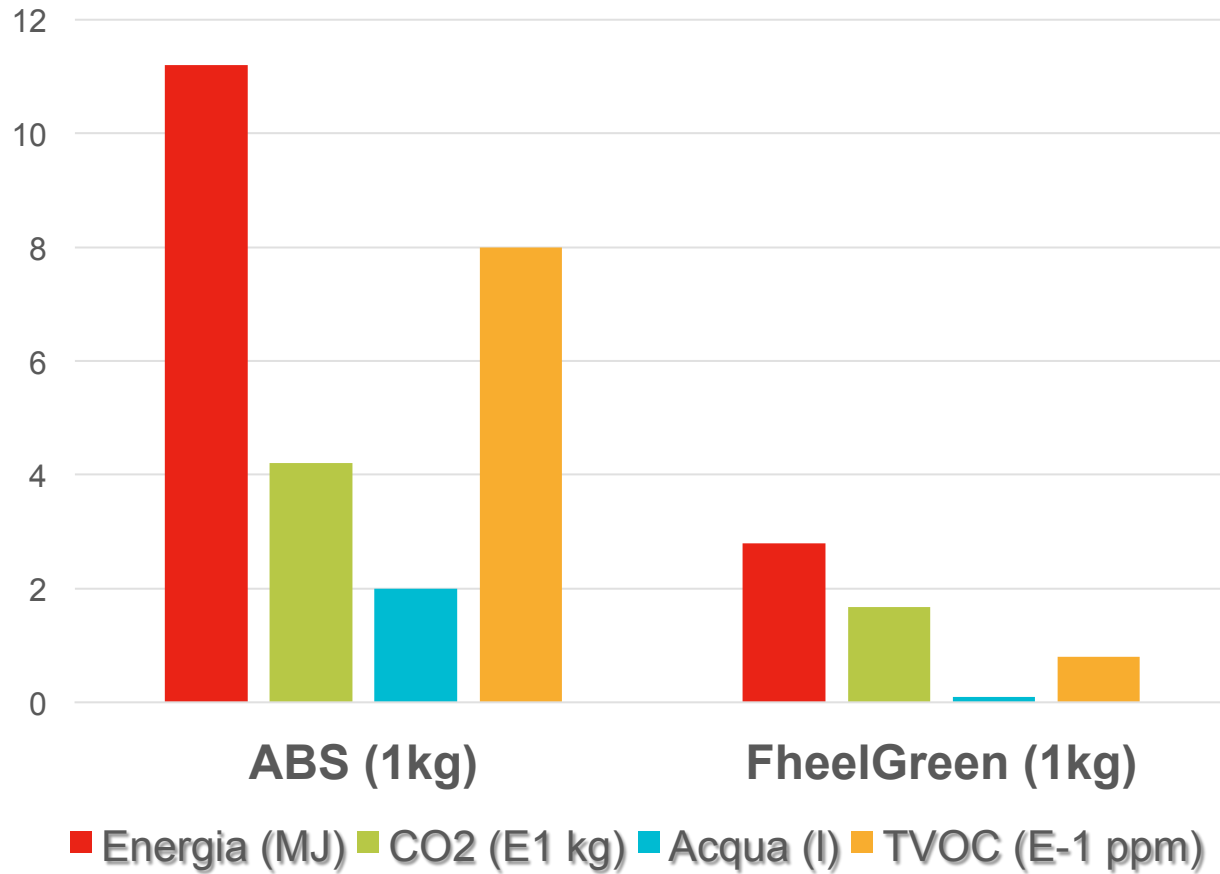


	Forza max per pullout	Lavoro per 2mm pullout	Lavoro tot per pullout
FheelGreen (vs ABS tradizionale)	+2%	+2%	+12%





FHEELGREEN™ / EcoAudit

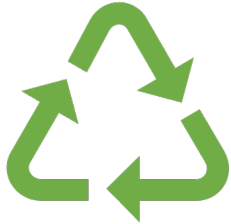




FHEELGREEN™ / Vantaggi

+

Rigenerabilità



+

Colorabilità



-

Degradazione termica
in fase di trasformazione



-

Variabilità tra lotti



-

Rilascio di
volatili nocivi



-

Odore
ad alte temperature



FHEELGREEN™ / Vantaggi



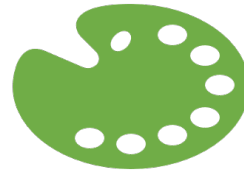
Rigenerabilità



Gli scarti di produzione possono essere riemessi nel ciclo produttivo in percentuale maggiore e senza perdite di meccaniche significative.



Colorabilità (in master e post)



La neutralità del granulo vergine consente di conservare inalterate le tonalità di una colorazione in master o di coperture o verniciature traslucide.



Stabilità termica (in fase di trasformazione)



La stabilità chimica alle alte temperature consente al materiale di trasmettere inalterate le sue proprietà in egual modo ad ogni singolo manufatto, eliminando l'influenza di fermi macchina o stazionamenti in produzione.

FHEELGREEN™ / Vantaggi

Variabilità tra lotti



La costanza nelle caratteristiche di ciascun granulo vergine elimina la necessità di aggiustamenti in pre-produzione e produzione che potrebbero influenzare le caratteristiche del manufatto.

Rilascio di volatili nocivi



Il ridotto contenuto di composti gassosi nocivi garantisce un ambiente di lavorazione più sicuro e limita il potenziale intaccamento delle proprietà e dell'estetica del manufatto ad elevate temperature di trasformazione ed esercizio.

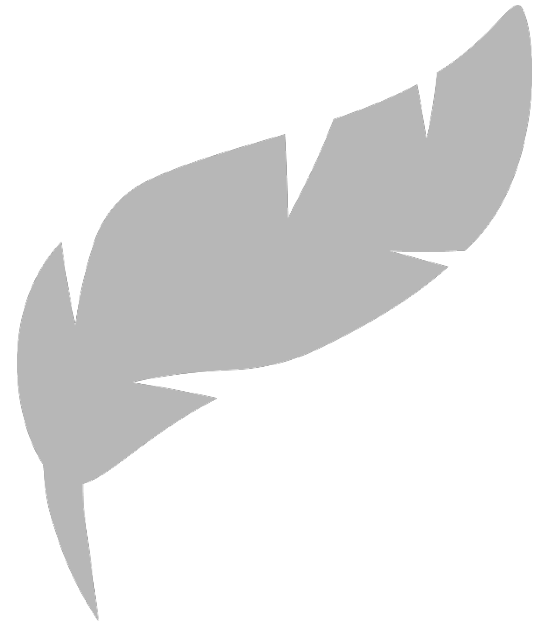
Odore ad alte temperature



Il ridotto contenuto di composti garantisce inoltre la minimizzazione degli odori nell'ambiente di lavorazione e in esercizio.



FHEELPLUME™



Density
up to
- 40%

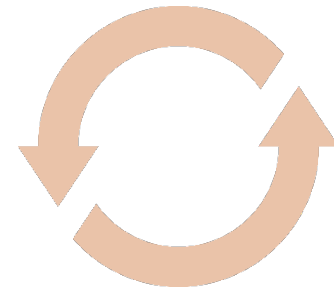
CAMHEELION



Eco - Natural



Custom - Design



Re - Use

CAMHEELION™ / Durabilità

Alte temperature



65°



28 gg

Cicli alte/basse temperature



- 30



- 65°



12 gg

Pioggia tropicale



40°

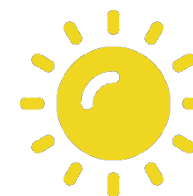


95%



30 gg

Irraggiamento solare



250 h

* Test di durabilità superati dalle pellicole DINOC



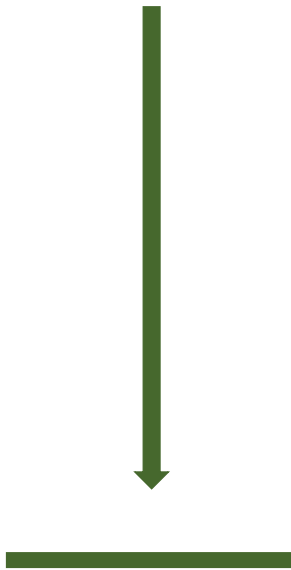
CAMHEELION™ / Performance

Impatto drop - weight

0,9 kg 

12 cm

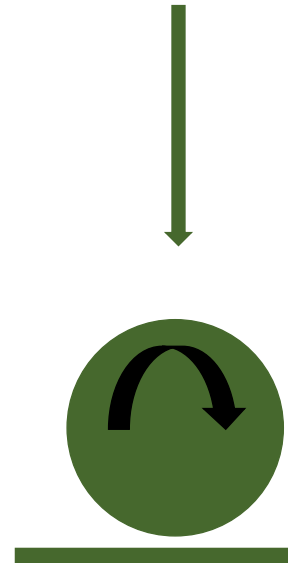
0°



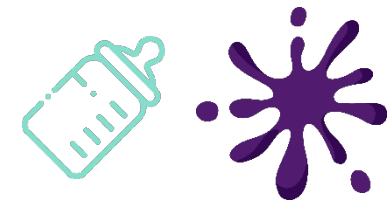
Ruota abrasiva

1 kg

7000
cicli



Rimozione macchie



The, vino, caffè, latte, salse..
Rimovibili con solo risciacquo
manuale

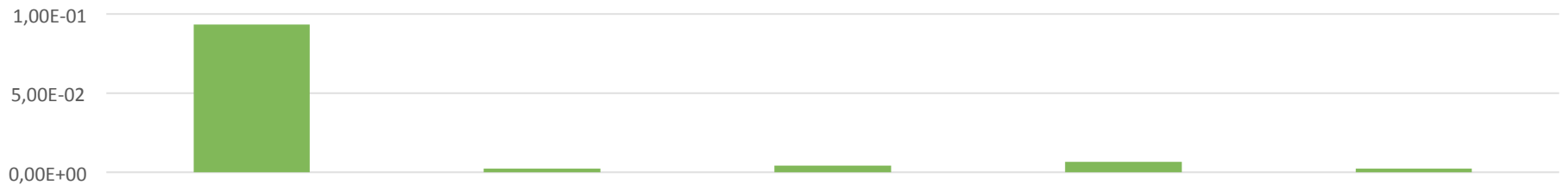
* Test performativi superati dalle pellicole DINOC

CAMHEELION™ / Impatto Ambientale

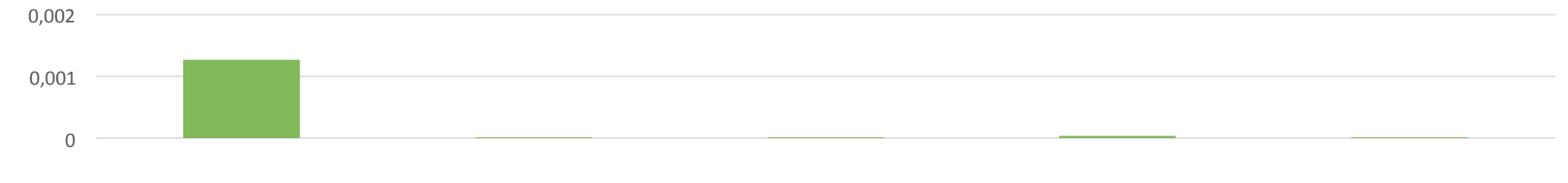
Energy consumption
(MJ)



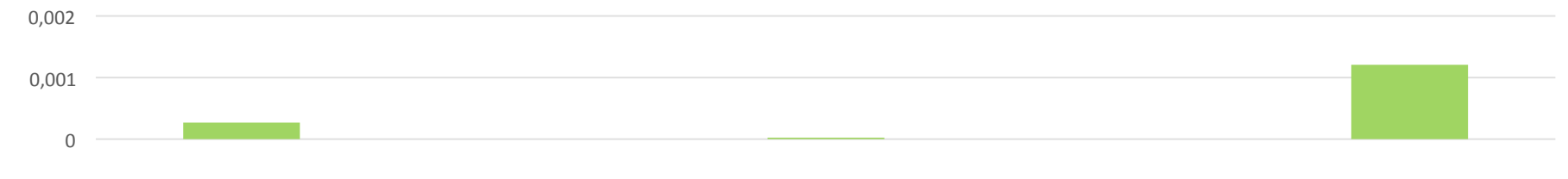
Global warming potential
(kgCO2eq.)



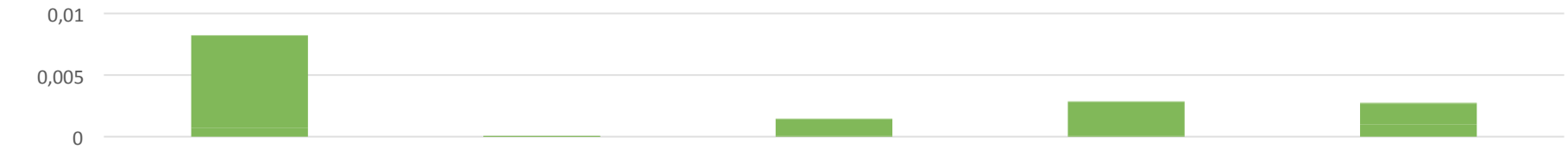
Water consumption
(l)



Re - purposed material
(kg)



Disposed Material

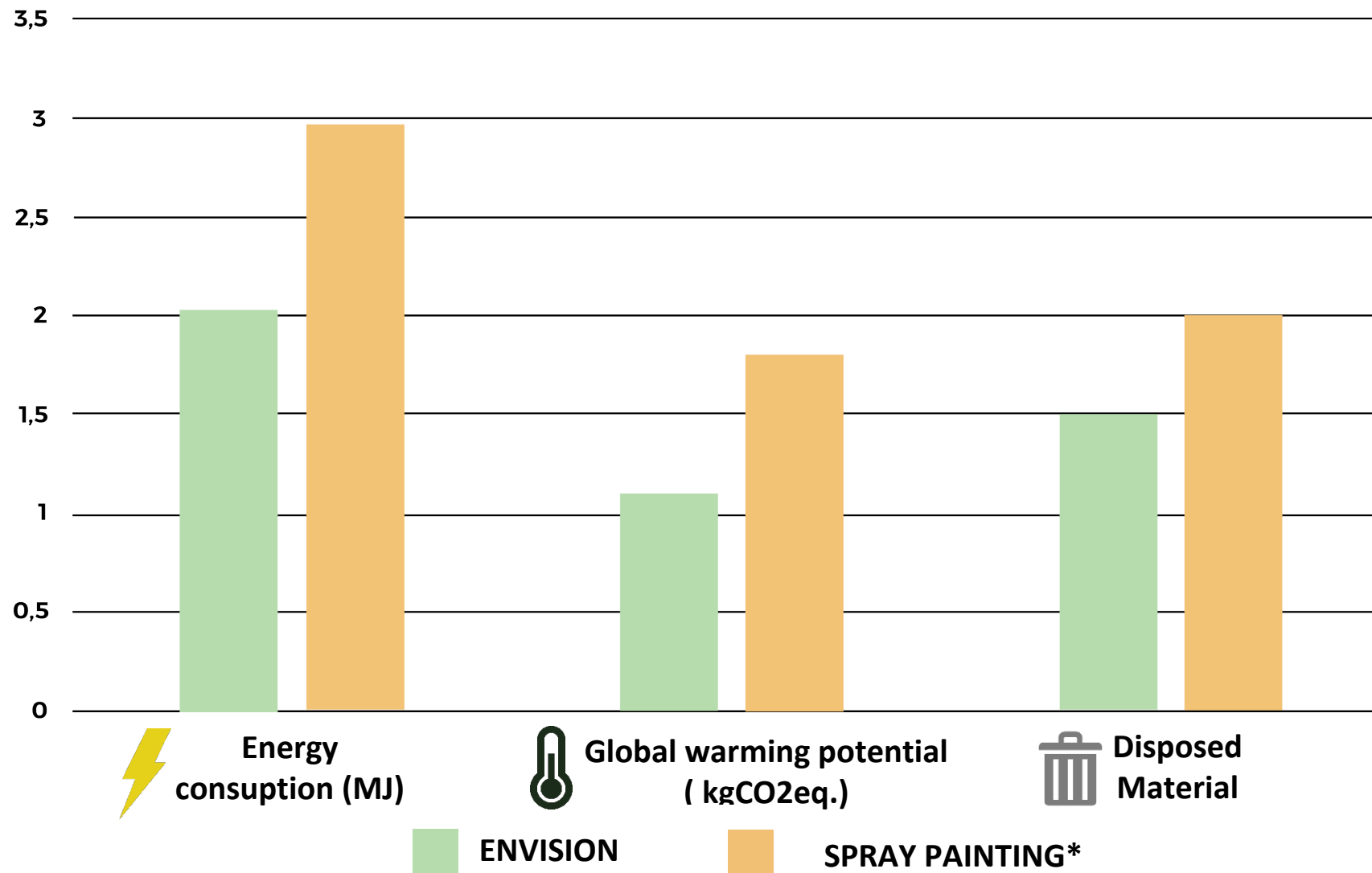


NORMALIZED OUTPUT PER UNIT

* Data adapted from: Envision LCA



CAMHEELION™ / Impatto Ambientale



TOTAL NORMALIZED OUTPUT PER UNITS

* Data adapted from: Papasavva, S., Kia, S., Claya, J. et al. Journal of Coating Technology (2002) 74:65.

