

CICLIC  
GCR

**Discover Ciclic®  
14C & 34C  
Proven recycled  
compounds for  
cable jacketing**

UV resistant • Smooth finish



CO<sub>2</sub>  
SAVINGS UP  
TO 46%

# Discover Ciclic® 14C & 34C

## Proven recycled compounds for cable jacketing.

UV resistant • Smooth finish • Up to 46% CO<sub>2</sub> savings

**Ciclic® 14C (LDPE) and Ciclic® 34C (HDPE)** are high-quality recycled polyolefin compound designed for **cable jacketing and insulation in low and high-voltage applications**. With excellent surface quality, effective UV resistance, and certified CO<sub>2</sub> savings, these materials help manufacturers meet increasing sustainability demands **without compromising on long-term performance or safety**.

### UV & Oxidation Resistant

Protects cable performance in outdoor and high-temperature environments with proven durability.

### Controlled black masterbatch (2–3%)

Ensures compliance with industry standards for UV protection and long-term weathering performance.

### Up to 50% Virgin Replacement

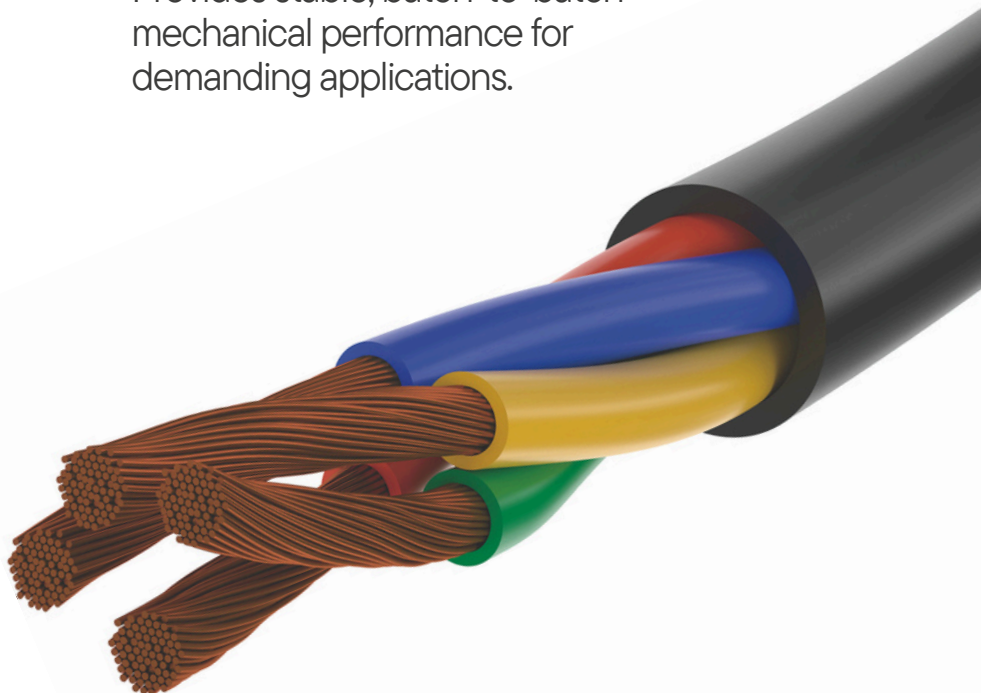
Maintains technical performance while reducing reliance on virgin polymers.

### Consistent quality & homogeneity

Provides stable, batch-to-batch mechanical performance for demanding applications.

### Selected Feedstock & Smooth Surface

Selected input streams ensure low gels and clean extrusion, ideal for cable jacketing.



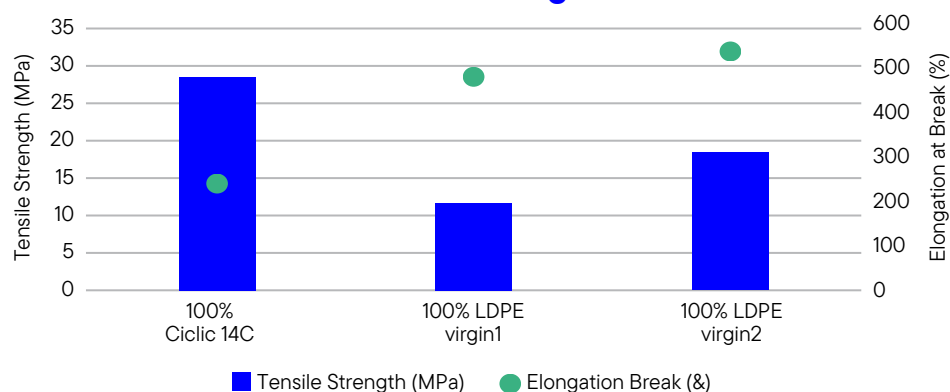
# Ciclic® 14C & 34C

## Technical Overview

Property	Ciclic® 14C (LDPE)	Ciclic® 34C (HDPE)
Voltage Class	Low voltage	High voltage
Base Polymer	rLDPE	rHDPE
Virgin Replacement	Up to 50%	Up to 50%
Black MB Content	2–3%	2–3%
UV / Oxidation Resistance	Yes	Yes
Surface Quality	Smooth, low gels	Smooth, low gels
CO <sub>2</sub> Savings (50% dosage)	45%	46%
Certifications	ISO 14067, ISCC PLUS, RecyClass	ISO 14067, ISCC PLUS, RecyClass

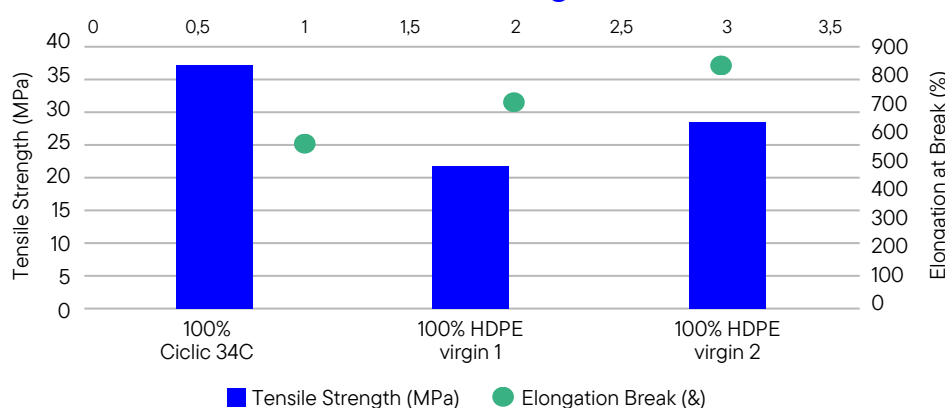
## Performance Benchmarking vs Virgin Polymers

### LDPE Jacketing cable



Sources: **Ciclic 14C** results from internal data. LDPE Virgin 1 and LDPE Virgin 2 comes from TDS data

### HDPE Jacketing cable



Sources: **Ciclic 34C** results from internal data. HDPE Virgin 1 and HDPE Virgin 2 comes from TDS data

**Ciclic® 14C and 34C** have been compared with prime grades used in cable applications at 100% dosage. The results show performance in line with virgin materials and even superior in some parameters.

# Long-term protection, Reduced CO<sub>2</sub> impact

## Sustainability

Supports your contribution to carbon reduction targets and tender eligibility in public infrastructure projects

- **100% recycled compound**
- **Up to 46% CO<sub>2</sub> savings**

## Applications

Cable jacketing for electrical infrastructure

Indoor and outdoor low-voltage and high-voltage insulation

## Markets

### Telecom



### Industrial



### Building&Construction



## Certifications

RecyClass



Product Carbon  
Footprint  
Regular  
Surveillance



www.tuv.com  
ID 9105057179



## Ready to build with confidence?

Let's talk about how **Ciclic® 14C** and **Ciclic® 34C** can enhance your next cable solution.

All data are based on tests conducted by GCR Innovation Hub and are provided for general guidance only. The processor assumes full responsibility for processing conditions, product application, and compliance with any third-party intellectual property rights. CICLIC® has the potential to reduce CO<sub>2</sub> emissions by up to 90% in your product formulations. Actual results may vary depending on the final application, formulation, and specific usage conditions. All statements, technical information, and data presented by GCR PLASTIC SOLUTIONS GROUP S.L.U. (hereinafter, "GCR Group") are believed to be accurate but are provided without guarantee or warranty of any kind. They do not constitute a legally binding representation and should not be relied upon as such.

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[www.gcrplasticsolutions.com](http://www.gcrplasticsolutions.com)

[info@gcrgroup.es](mailto:info@gcrgroup.es)

+34 977166950