RadiciGroup material portfolio for EV charging systems.

HIGH PERFORMANCE POLYMERS

A complete range of **engineering polymers** specially developed to meet all the **technical requirements** and needs for the emerging sector of **EV charging systems**. **Radilon®** and **Radiflam®** are the main RadiciGroup brands targeted at applications such as plugs, sockets and connectors. In addition, the Group supplies **eco-sustainable grades** from the **Renycle®** materials family, which optimize technical and environmental performance.

Grade	Polymer	Description
Radilon® S HS	PA6 unfilled	Excellent aesthetics. Laser markability.
Radilon® S ERV70T	PA6 GF07 IM	Excellent aesthetics. Laser markability.
Radilon® S RV 200 FR2	PA6 GF20 V2	V2 flammability. GWT at 2 mm 850˚C.
Radilon® S RV 300 FR2	PA6 GF30 V2	Good mechanics (drive-over test).
Renycle® S N101 3030 BK	PA6 unfilled sustainable	Kg CO_2 equivalent saving of 18% vs prime grade.
Renycle® S N103 3030 BK	PA6 unfilled sustainable	Kg CO_2 equivalent saving of 73% vs prime grade.
Renycle® S GF 3001 FR2	PA6 GF30 V2 sustainable	Kg CO_2 equivalent saving of 27% vs prime grade.
Radiflam® A RV 250 HF	PA66 GF25 V0	Prime grade V0. High mechanical properties.

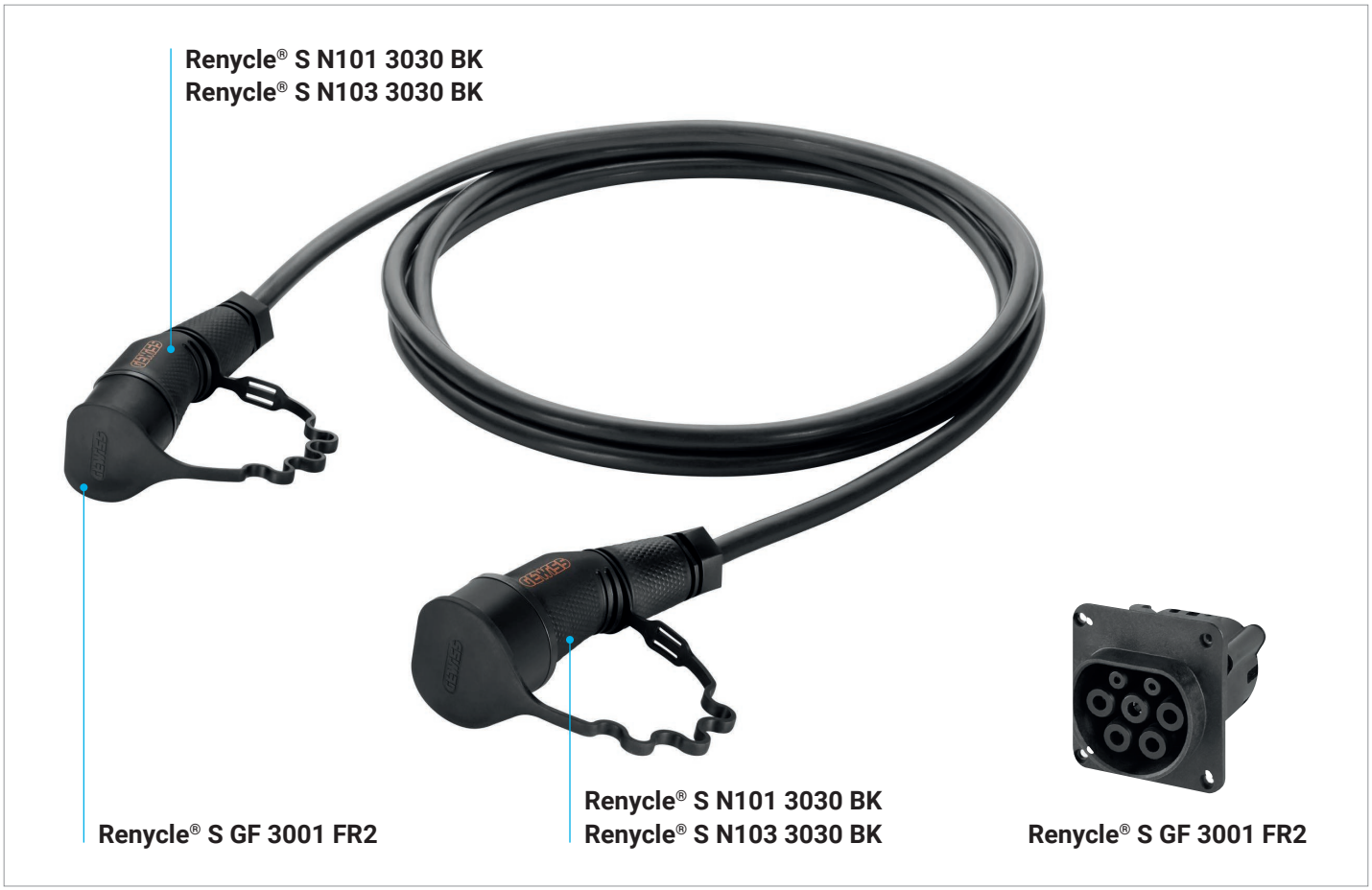
Renycle® is a range of special engineering polymers that have much **lower environmental impact**, based on **LCA indicator data** currently available for each grade. Consequently, this brand answers the growing demand for more **sustainable products** with a variable percentage of **recycled polyamide**. In keeping with our customer's emission targets and application performance properties, RadiciGroup is able to **customize its materials** and meet specific requests, including **flammability and GWT requirements**.

Emissions

from 18% to 73% lower CO_2 emissions

Global Warming Potential
(GWP) - kg CO_2 eq. per kg

Compared to prime grade engineering polymer.



Renycle® portfolio key benefits

- Higher **sustainability** vs prime grade.
- **Lower CO_2** footprint.
- Meets **mechanical and flammability requirements** of applications.
- Option of **different colour laser markings**.
- **Excellent processability and process consistency**.
- **Global availability** (on request).

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