RadiciGroup material portfolio for EV charging systems.



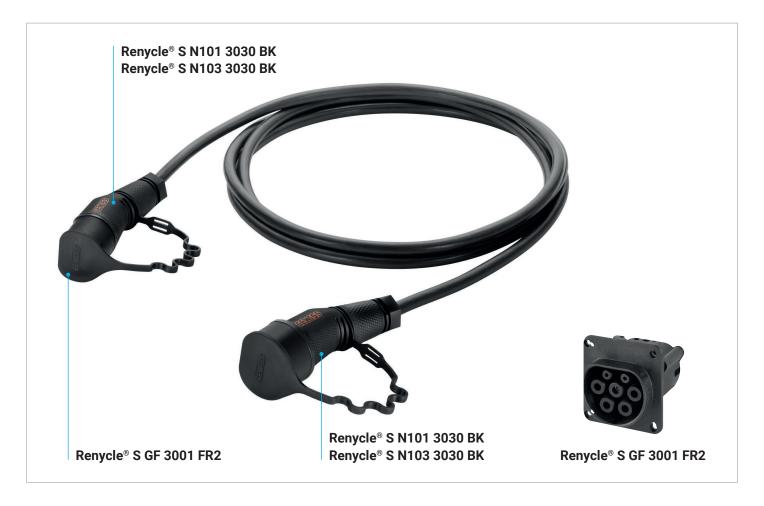
A complete range of **engineering polymers** specially developed to meet all the **technical requirements** and needs for the emerging sector of **EV charging systems**. **Radilon®** and **Radiflam®** are the main RadiciGroup brands targeted at applications such as plugs, sockets and connectors. In addition, 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.





Renycle® portfolio key benefits

- · Higher sustainability vs prime grade.
- Lower CO₂ 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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