



RADILON® 6.6 Easy Dye

Polyamide 6.6 Easy Dye Yarn

Radici Yarn, a RadiciGroup Fibres Business Area company, is a leading producer and seller of PA6.6 yarn for many different uses from apparel to technical applications.

Thanks to RadiciGroup's vertically integrated polyamide production and the synergy with Radici Chimica in Novara, Radici Yarn can now supply PA6.6 Easy Dye yarn. With this new product line, the company meets the needs of an extremely demanding market, which is always looking for higher performance sustainable products offering advantages to both customers and the environment.



PRODUCT FEATURES

RADILON 6.6 Easy Dye variants were developed for bright, semi-dull and full-dull polymer grades, so as to be able to offer yarn with numerous advantages, **while keeping the same mechanical performance.**

Better dye affinity:

- **More intense colours:** with the same dye recipe, PA6.6 Easy Dye yarn achieves a richer tonality.
- **Environmental sustainability:** the environmental impact is reduced as a result of the lower percentage of dye used in the dyeing process.
- **Cost savings:** the lesser quantity of dye required and the improved dyeing kinetics translate into raw material and energy savings.

Higher whiteness index: the whiteness (absence of colour) index is higher, and the yellowness index is correspondingly lower.

SAMPLE	LUSTRE	YELLOW INDEX	WHITENESS INDEX
PA 6.6 MARKET STANDARD	SEMI-DULL	6,7	78,20
PA 6.6 EASY DYE	SEMI-DULL	4,2	82,1



radilon®

6.6



A sustainable product

The many advantages RADILON 6.6 Easy Dye has to offer come from the innovative polymer developed at Radici Chimica in Novara, Italy, a company strongly committed to the RadiciGroup for Sustainability project and constantly striving for innovation and optimization of resources.

As a result of a collaboration with the Italian Ministry for the Environment, the RadiciGroup Chemicals Business Area has recently obtained two important certifications demonstrating the company's commitment to the environmental cause:

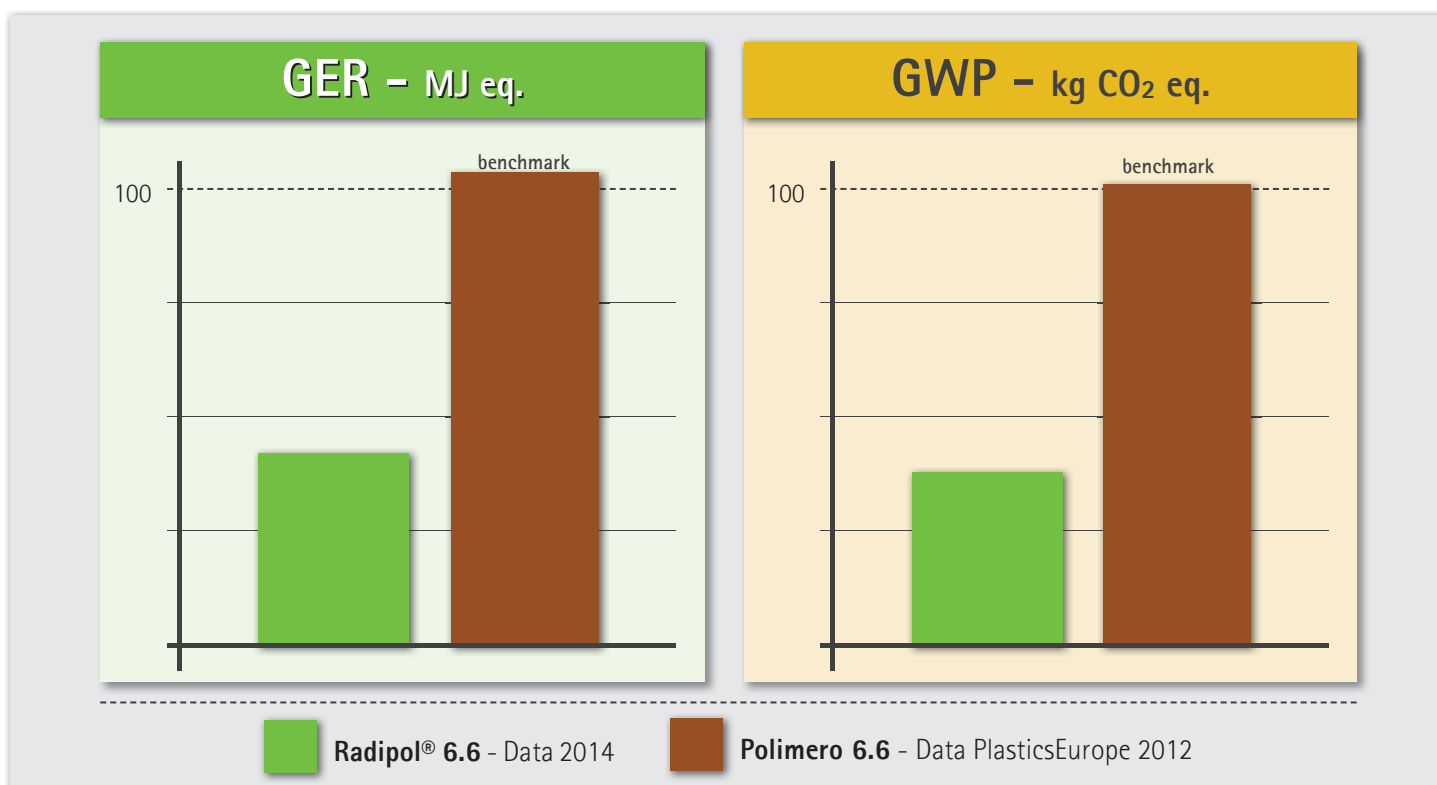
- Product Environmental Footprint (PEF) statement of conformity.
- Organization Environmental Footprint (OEF) statement of conformity.

Gross Energy Requirement (GER)

● In relation to the Life Cycle Assessment methodology, **GER** is the total amount of energy from renewable and non-renewable sources expended during the production of 1 kg of product.

Global Warming Potential (GWP)

● **GWP** is the total amount of greenhouse gasses emitted by a system during the production of 1 kg of product within a period of 100 years.



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