

RADIGREEN® LANDSCAPE EXCELLENCE

RADIGREEN® LANDSCAPE EXCELLENCE high-end yarns come from the know-how of the R&D Radigreen team, a group of qualified experts. Yarn formulations are the result of creativity, a key element in this sector, backed by a strong competence in the polyolefin and polyamide fields. Through strict relation with customers and final users we constantly work to understand new market needs and provide the right solutions.

NON-TOXICITY CERTIFICATION

Chemical analyses are aimed at checking the safety of *Radigreen®* yarns composition and their conformity to regulations established by the International legislation about heavy metals, toxic and dangerous substances.

Analyses carried out on our yarns include :

► PRESENCE OF HEAVY METALS, ESPECIALLY LEAD

The strictest regulations set a lead concentration limit not exceeding 300 ppm (Parts per million). Tests carried out show that Radigreen®'s yarns are lead free (concentration of lead far below the lower level of measurement set at 50 ppm).

► DETERMINATION OF CONTENT OR MIGRATION OF PLASTICIZERS (PHTALATES)

This analysis assesses the risks in case filaments are accidentally ingested or remain in contact with the skin for a long time, and it sets a phtalate content limit of 0.1%. Thanks to this test it is possible to guarantee that Radigreen® yarns involve no intoxication risks since our formulations are plasticizers free (content lower than 0.005%).

UV RESISTANCE

Plastic materials can undergo a photo-chemical degradation caused by the sun light. To avoid this degradation, yarns are photo-stabilized using special anti UV additives. *Radigreen® Landscape Excellence* yarns UV resistance is kept under constant control with artificial weathering light sources commonly used in accelerated weathering tests (Xenon, UVA and UVB).

The relevant data for each Radigreen® product are mentioned on the related technical datasheet.

CLEANING INFORMATION

Cleaning solid waste

To avoid degradation or rapid wear of the synthetic turf caused by solid waste, it is advisable to rapidly remove it with a broom.

Cleaning with liquids

For cleaning with liquids, use:

- *vinegar (5% white distilled vinegar), do not dilute and irrigate through the surface.*
- *"green" cleaners of any sort that do not contain alcohol and that are biodegradable. Non foaming and low suds detergents are the most suitable.*

Never use non-diluted alcohol, chlorine or ammonia since they can irreparably damage the turf yarn. Use them diluted (maximum concentration 5%), only when necessary.



TUFTING TIPS

Carpet for landscape applications has a different aesthetic impact according to the various combinations of yarns (monofilament, fibrillated, curly or textured), colors (shades of green, brown, beige etc.), and weaving structures (gauge rate, pile height, stitch rate, combined systems).

The R&D team is always available to work with customers and find together the best possible solution for the desired effect.

COUNT	COMPOSITION	FINISH	COLORS AVAILABLE
Up to 4.400	PE	Twisted/Wrapped Monofilament RADIGREEN® MFL PE	Field Green, Olive Green, Bicolors & Other colors
		Textured TXT Monofilament RADIGREEN® MFL PE	Field Green, Olive Green & Other colors
	PP	Textured TXT Monofilament RADIGREEN® MFL PP	Field Green, Olive Green, Bicolors & Other colors
	PA	Twisted/Wrapped Monofilament RADIGREEN® MFL PA	Field Green & Other colors
Textured TXT Monofilament RADIGREEN® MFL PA		Field Green, Olive Green, Bicolors & Other colors	
From 5.800 to 9.600	PE	Twisted/Wrapped Monofilament RADIGREEN® MFL PE	Field Green, Olive Green, Bicolors & Other colors
		Curled KDK Monofilament RADIGREEN® MFL PE	Field Green, Olive Green, Bicolors & Other colors
		Textured TXT Monofilament RADIGREEN® MFL PE	Olive Green
		Twisted/Wrapped Monofilament RADIGREEN® MFL PE	Field Green, Olive Green, Bicolors & Other colors
	PA	Twisted Monofilament RADIGREEN® MFL PA	Field Green & Other colors
		Textured TXT Monofilament RADIGREEN® MFL PA	Field Green, Olive Green & Other colors
≥ 10.600	PE	Twisted/Wrapped Monofilament RADIGREEN® MFL PE	Field Green, Olive Green & Other colors
		Curled KDK Monofilament RADIGREEN® MFL PE	Field Green, Olive Green & Other colors
≥ 13.000	PE & PE	Straight + Textured TXT Multiconstruction MY RADIGREEN®	More colors
	PE & PP	Straight + Textured TXT Multiconstruction MY RADIGREEN®	More colors
	PE & PA	Straight + Textured TXT Multiconstruction MY RADIGREEN®	More colors
	PA & PA	Straight + Textured TXT Multiconstruction MY RADIGREEN®	Bicolors & More Colors

*KDK average count after finishing.