



Radicigroup is one of the most active chemicals companies at an international level. Its diversified businesses operate worldwide and are focused on Chemicals, Plastics and Synthetic Fibres.

Attention to customers' requirements, the desire to foresee their needs, to supply them with quality, made-to-measure, sustainable products, as well as efficiency of processes, products and services.

These are RadiciGroup's winning strategies along with new technologies and innovative systems which improve safety and sustainability.

Radicigroup's products are exported all over the world, and are the starting-point for developments in the clothing, sport, furnishings, automotive, electrical/electronic and appliances sectors.



Radici Yarn SpA, a historical company of RadiciGroup, is a leader in the manufacture of PA6 staple fibre for various uses, from apparel to the flooring sector and to technical/industrial applications where high performance is required. Radici Yarn can count on two production sites, one located in Italy for the production of medium - fine counts and one, Radici Chemiefaser GmbH, located in Germany. Radici Chemiefaser GmbH, in particular, is specialized in the manufacture of tailor-made colours in medium - high counts. R&D is a key factor for Radici Yarn and Radici Chemiefaser. These companies constantly work for innovative, sustainable products. Special attention is given to bio-based products, derived from renewable, non food crops, such as castor.

## END USES AND APPLICATION SECTORS

- **CONTRACT SECTOR:** Carpets, wall to wall carpets, textile flooring (felt tiles);
- **AUTOMOTIVE SECTOR:** Carpets, mats, boot lines;
- **TECHNICAL AND INDUSTRIAL APPLICATIONS:** Nonwovens, PMC, technical fabrics such as abrasives;
- **TOYS SECTOR:** Synthetic hair for high quality, collectors' dolls.



## RANGE OF PRODUCTS – PA6

Dtex	Cross Section	Lustre	Crimp Crimp/mm	Breaking strength cN/dtex	Elongation %	Cut length mm	Melting point
1.9	Round	Semidull Colours	5.5	4.5	80/90	40/50/60	220
<b>SILICONIZED FIBRE</b>							
2.2	Round	Semidull Black	5.5	4.5	90	40/50/60	220
<b>SILICONIZED FIBRE</b>							
3.3	Round	Semidull Black	5.5	4.0	80	40/50/60	220
<b>SILICONIZED FIBRE</b>							
4.5	Trilobal Multilobal	Semidull Bright	5.5	4.0	80	Various Cuts 120-150	220
6.7	Round	Semidull Colours	From 0 to 5.0	4.0	100	From 30 to 150	220
6.7	Trilobal Multilobal	Semidull Bright	5.0	4.5	80	Various Cuts 120-150	220
7.5	Trilobal Multilobal	Semidull Bright	4.5	4.0	80	Various Cuts 120-150	220
11	Trilobal Multilobal	Semidull Bright	4.5	4.0	80	Various Cuts 120-150	220
11	Round	Semidull Colours	From 0 to 5.0	4.0	100	From 30 to 150	220
13	Trilobal Multilobal	Semidull Full Dull / Bright	4.5	3.5	85	Various Cuts 120-150	220
14	Round	Semidull Colours	From 0 to 5.0	4.0	100	From 30 to 120	220
16.7	Round	Semidull Colours	From 0 to 5.0	4.0	100	From 30 to 120	220
16.7	Trilobal Multilobal	Semidull Bright	4.5	3.8	90	Various Cuts 120-150	220
20	Round	Semidull Colours	From 0 to 5.0	4.0	100	From 30 to 120	220
22	Trilobal Multilobal	Semidull Full Dull	4.5	3.5	95	Various Cuts 120-150	220
30	Round	Semidull Colours	From 0 to 5.0	4.0	90/100	From 30 to 120	220
44	Round	Semidull Colours	From 0 to 5.0	4.0	90/100	From 30 to 120	220
70	Round	Semidull Colours	From 0 to 5.0	3.5	80	From 30 to 120	220
110	Round	Semidull Colours	From 0 to 5.0	3.5	From 60 to 100	From 30 to 120	220
135	Round	Semidull Colours	From 0 to 5.0	3.5	From 60 to 100	From 30 to 120	220



RADICI YARN SpA

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