

INDUSTRIAL YARNS

Our products

We are leading producers of nylon 6 industrial yarns throughout the Americas and continuously work with our customers to develop specialty products to face the increasingly demanding challenges of the markets.

Our industrial yarns undergo ongoing innovation processes which guarantee our chance to surpass our customer's expectations when we develop their end products.

High tenacity yarns and cords

High resistance to transform the future

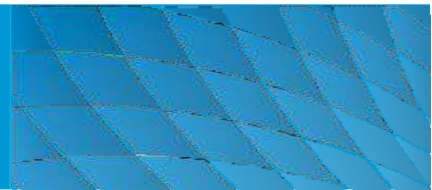
Our nylon 6 yarns and cords stand out in highly demanding applications where mechanical resistance, the abrasion and fatigue resistance, as the UV protection are essential. The ingenuity to produce these fibers enables us to continuously design new products in accordance with the market's requirements.

The primary applications of these yarns are listed below:

- Fishing nets, safety, sports and agricultural applications
- Marine cords
- Narrow wovens
- MRG – mechanical rubber goods
- Flat woven applications
- Fabrics for apparel
- Health and hygiene applications
- Tire reinforcement fabrics

TECHNICAL YARNS

Count		TYPE	TENACITY* (mN/Tex)	TENACITY (gf/den) (average)	ELONGATION* (%)	SHRINKAGE ** (%)	MAJOR APPLICATIONS						
DECITEX	DENIER						Nets	Weaving	Narrow woven	Ropes	MRC	Tires	Others
235	210	Heat resistant (HR)	670 a 760	7.7 a 8.7	19	10							
460	420	Heat resistant (HR)	670 a 760	7.7 a 8.7	19	10							
700	630	Heat resistant (HR)	780	8,9	19	10,2							
940	840	Heat resistant (HR)	780	8,9	19	10,2							
1160	1050	Heat resistant (HR)	780	8,9	19	10,2							
1400	1260	Heat resistant (HR)	780	8,9	19	10,2							
1880	1680	Heat resistant (HR)	780	8,9	19	10,2							
2100	1980	Heat resistant (HR)	780	8,9	19	10,2							
2800	2520	Heat resistant (HR)	780	8,9	19	10,2							
235	210	UV Protected (BCO)	670 a 760	7.7 a 8.7	19	10							
460	420	UV Protected (BCO)	670 a 760	7.7 a 8.7	19	10							
700	630	UV Protected (BCO)	800	9,1	19	10,2							
940	840	UV Protected (BCO)	800	9,1	19	10,2							
1160	1050	UV Protected (BCO)	800	9,1	19	10,2							
1400	1260	UV Protected (BCO)	800	9,1	19	10,2							
1880	1680	UV Protected (BCO)	800	9,1	19	10,2							
2100	1980	UV Protected (BCO)	800	9,1	19	10,2							
2800	2520	UV Protected (BCO)	800	9,1	19	10,2							



Ropes,
marine cords

SOLUTION DYE

Count		TYPE	TENACITY* (mN/tex)	TENACITY (gf/den) (average)	ELONGATION* (%)	SHRINKAGE*** (%)	MAJOR APPLICATIONS							
DECITEX	DENIER						Nets	Weaving	Narrow woven	Ropes	MRC	Tires	Others	
235	210	Solution dye black (NG)	630 a 730	7.2 a 8.3	21	9,5								
460	420	Solution dye black (NG)	630 a 730	7.2 a 8.3	21	9,5								
700	630	Solution dye black (NG)	740	8,5	21	9,5								
940	840	Solution dye black (NG)	740	8,5	21	9,5								
1160	1050	Solution dye black (NG)	740	8,5	21	9,5								
1400	1260	Solution dye black (NG)	740	8,5	21	9,5								
1880	1680	Solution dye black (NG)	740	8,5	21	9,5								
2100	1980	Solution dye black (NG)	740	8,5	21	9,5								
235	210	Solution dye blue (AZ)	620 a 720	7.1 a 8.2	21	9,5								
460	420	Solution dye blue (AZ) / green (VD)	620 a 720	7.1 a 8.2	21	9,5								
700	630	Solution dye blue (AZ) / green (VD)	730	8,3	21	9,5								
940	840	Solution dye blue (AZ) / green (VD)	730	8,3	21	9,5								
1160	1050	Solution dye blue (AZ) / green (VD)	730	8,3	21	9,5								
1400	1260	Solution dye blue (AZ) / green (VD)	730	8,3	21	9,5								
1880	1680	Solution dye blue (AZ) / green (VD)	730	8,3	21	9,5								
2100	1980	Solution dye blue (AZ) / green (VD)	730	8,3	21	9,5								

* Properties listed are only guides. For more details, contact your sales representative.

** Properties depend on twist level. For more details, contact your sales representative.

*** Testrile

TWISTED TECHNICAL YARNS

Count	TYPE	TENACITY (mN/Text)	TENACITY (gf/den) (average)	ELONGATION (%)	TWIST (tpm)	MAJOR APPLICATIONS						
						Nets	Weaving	Narrow woven	Ropes	MFG	Tires	Others
460 - 2800	Heat resistant (HR)	**		**	On request							
460 - 2100	UV Protected (BCO)	**		**	On request							
460 - 2100	Solution Dye Black (NG)	**		**	On request							

CORDS

Count		TYPE - TWIST	TENACITY* (mN/Text)	TENACITY (gf/den) (average)	ELONGATION (%)	COUNT * (dtex)	TWIST * (tpm)	MAJOR APPLICATIONS						
DECITEX	DENIER							Nets	Weaving	Narrow woven	Ropes	MFG	Tires	Others
460/3	210/6	Heat resistant (HR) - UV Protected (BCO)	650	7,4	19-28	1460	545/285							
940/2	210/8	Heat resistant (HR) - UV Protected (BCO)	650	7,4	19-28	2050	570/280							
700/3	210/9	Heat resistant (HR) - UV Protected (BCO)	650	7,4	19-28	2245	500/275							
940/3	210/12	Heat resistant (HR) - UV Protected (BCO)	650	7,4	19-28	3061	474/255							
1160/3	210/15	Heat resistant (HR) - UV Protected (BCO)	650	7,4	19-28	3850	440/236							
1400/3	210/18	Heat resistant (HR) - UV Protected (BCO)	650	7,4	19-28	4682	432/232							
1640/3	210/21	Heat resistant (HR) - UV Protected (BCO)	620	7,1	19-28	5441	399/214							
1880/3	210/24	Heat resistant (HR) - UV Protected (BCO)	620	7,1	19-28	6258	374/200							
2100/3	210/27	Heat resistant (HR) - UV Protected (BCO)	620	7,1	19-28	7143	351/189							
2320/3	210/30	Heat resistant (HR) - UV Protected (BCO)	620	7,1	19-28	7641	333/180							
2800/3	210/36	Heat resistant (HR) - UV Protected (BCO)	650	7,4	19-28	9103	270/145							
3280/3	210/42	Heat resistant (HR) - UV Protected (BCO)	590	6,7	28-34	11394	350/180							
3760/3	210/48	Heat resistant (HR) - UV Protected (BCO)	620	7,1	28-34	12385	246/137							
4640/3	210/60	Heat resistant (HR) - UV Protected (BCO)	590	6,7	28-34	16054	275/160							
5600/3	210/72	Heat resistant (HR) - UV Protected (BCO)	620	7,1	28-34	18429	200/110							
6580/3	210/84	Heat resistant (HR) - UV Protected (BCO)	550	6,3	28-34	19740	275/140							
7520/3	210/96	Heat resistant (HR) - UV Protected (BCO)	550	6,3	28-34	26331	220/120							
8400/3	210/108	Heat resistant (HR) - UV Protected (BCO)	550	6,3	28-34	30172	220/120							

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** Properties depend on twist level. For more details, contact your sales representative.

*** Testrite

Other applications



SOLUTION DYE

Count		TYPE - TWIS	TENACITY* (mN/Tex)	TENACITY (gf/den) (average)	ELONGATION (%)	COUNT* (dtex)	TWIST* (tpm)	MAJOR APPLICATIONS						
DECITEX	DENIER							Nets	Weaving	Narrow woven	Ropes	MFG	Tires	Others
460/3	210/6	Solution dye black (NG-AZ)	610	6,9	19-28	1460	545/285							
940/2	210/8	Solution dye black (NG-AZ)	610	6,9	19-28	2050	570/280							
700/3	210/9	Solution dye black (NG-AZ)	610	6,9	19-28	2245	500/275							
940/3	210/12	Solution dye black (NG-AZ)	610	6,9	19-28	3061	474/255							
1160/3	210/15	Solution dye black (NG-AZ)	610	6,9	19-28	3850	440/236							
1400/3	210/18	Solution dye black (NG-AZ)	610	6,9	19-28	4682	432/232							
1640/3	210/21	Solution dye black (NG-AZ)	580	6,7	19-28	5441	399/214							
1880/3	210/24	Solution dye black (NG-AZ)	580	6,7	19-28	6258	374/200							
2100/3	210/27	Solution Dye Black (NG-AZ)	580	6,7	19-28	7143	351/189							
2320/3	210/30	Solution Dye Black (NG-AZ)	580	6,7	19-28	7641	333/180							
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4640/3	210/60	Solution dye black (NG-AZ)	550	6,3	28-34	16054	275/160							
5600/3	210/72	Solution dye black (NG-AZ)	580	6,7	28-34	18429	200/110							
6580/3	210/84	Solution dye black (NG-AZ)	510	5,9	28-34	19740	275/140							
7520/3	210/96	Solution dye black (NG-AZ)	510	5,9	28-34	26331	220/120							
8400/3	210/108	Solution dye black (NG-AZ)	510	5,9	28-34	30172	220/120							

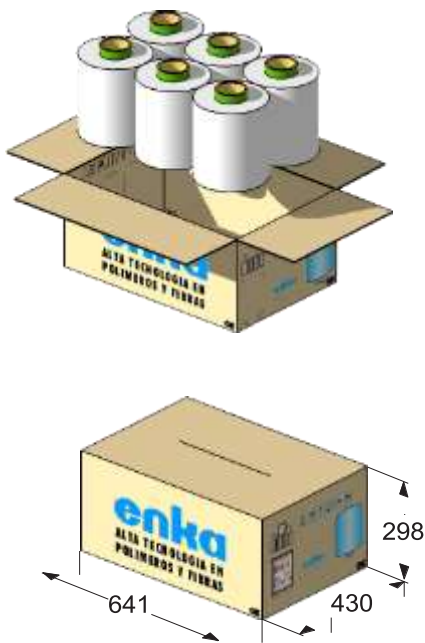
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*** Testrite

Presentation and packages

Bobbins of 5.7kg in cardboard boxes



Bobbins of 7.6 and 11.4kg in pallets



High-tenacity products for specialized industrial applications