

# PORTFOLIO HIGH TENACITY POLYESTER YARNS



TECHNICAL DESCRIPTION	COMMERCIAL NAME	AVAILABLE TITTLE	FILAMENTS	TENACITY (cN/tex)	ELONGATION (%)	EASF (%)	*SHA (%)
<b>HIGH TENACITY HIGH MODULUS</b>							
HIGH TENACITY AND LOW ELONGATION	GLE	1100-1440-1670-2200-3300-4400-5500-6600-7700-8800-9900	96-192-216-384-576-1152	78-82	12,5	4,5-5,0	8,0
THE LOWEST ELONGATION	FHS	1100-1440-1670-2200-3300	192-384-576	83,0	<b>10,0</b>	4,0	10,5
VERY HIGH STRENGTH	TBF	1100-1250-1670-2200	192-384	<b>86-89</b>	11,5	4,2	9,5
HIGH TENACITY FRICTION RESISTANT	SBX	1100-1670	<b>72-96</b>	78,0	13,5	4,5	8,0
THE HIGHEST TENACITY AND LOW ELONGATION	GLI	1100-1670-2200	192-384	<b>93,0</b>	10,5	3,5	8,0
<b>VERY LOW SHRINKAGE</b>							
VERY LOW SHRINKAGE	VLS	950-1100-1440-1670-2200-3300-4400-5500-6600-7700-9900	192-384-768-576-768-1152	70-72	23-25	13,5-15,0	1,6
ULTRA LOW SHRINKAGE	VLR	1100-1670-2200-3300	192-384-768	71-72	24-26	15,0	<b>1,0</b>
LOW SHRINKAGE LOW ELONGATION	VLP	1100-1670	192-384	74,0	<b>19,5</b>	11,5	1,9
LOW SHRINKAGE HIGH TENACITY	VLT	1100-1670-2200	192-384	<b>76,0</b>	21	12,0	1,6
SUPER ULTRA LOW SHRINKAGE	VLI	1100-1670-2200	192-384	<b>70,0</b>	25	14	<b>0,6</b>
SUPER ULTRA LOW SHRINKAGE HIGH TENACITY	VLD	1100-2200	192-384	<b>82,5</b>	19,5	11,6	<b>1,2</b>
<b>MEDIUM SHRINKAGE</b>							
MEDIUM SHRINKAGE HIGH TENACITY	NLS	1100-1440-1670-2200-3300-4400	192-384-576	76-78	13,0	6,0	4,7
LOWER SHRINKAGE MEDIUM TENACITY	NLR	1100-2200-3300-4400	192-384-768	77,0	19,0	9,0	<b>2,5</b>
MEDIUM SHRINKAGE THE HIGHEST TENACITY	NLI	1100-2200	192-384	<b>90,0</b>	13	5,5	5,0
<b>VERY HIGH SHRINKAGE</b>							
HIGH SHRINKAGE AND HIGH TENACITY	GLS	880-1100-1440	96-192	81,0	12,0	4,2	10,0
HIGH SHRINKAGE AND LOW ELONGATION	GLR	825-880	192	72,0	15,0	4,5	13,0
THE HIGHEST SHRINKAGE	HSF	1100-2200	192-384	79,0	11,0	4,5	<b>14,5</b>
<b>FINE DECITEX</b>							
HIGH TENACITY AND LOW ELONGATION	GLE	140-150-180-190-220-226-330-450-550	24-48-96	80,0	13,0	5,0	8,0
HIGH SHRINKAGE AND HIGH TENACITY	GLS	280-450-550	24-48-96	80,0	12,0	4,5	10,0
HIGH SHRINKAGE AND LOW ELONGATION	GLR	280-330-550	48-96	72,0	14,0	6,0	9,0
THE HIGHEST SHRINKAGE	HSF	220-280-330-450-550	24-48-96	76,0	12,5	4,5	14,0
VERY HIGH STRENGTH	TBF	280	24-48	88,0	11,0	4,0	10,0
MEDIUM SHRINKAGE HIGH TENACITY	NLS	220-280-450-550	24-48-96	78,0	14,5	6,0	5,5
LOWER SHRINKAGE MEDIUM TENACITY	NLR	220-280-550	24-48-96	76,0	19,0	9,0	2,5
VERY LOW SHRINKAGE	VLS	140-167-220-280-330-440-450-550-660	24-48-96	70,0-71,0	21,0-23,0	13,5	1,6-2,0
ULTRA LOW SHRINKAGE	VLR	140-280-330-550	24-48-96	72,0	23,0	14,0	1,1

\*SHA analysed with LENZING (180°, 2 min and pretension: 0.5 cN/tex; except for VERY LOW SHRINKAGE: pretension 0.1 cN/tex). \*\*These are orientative values and could vary depending on decitex and filament number.

\*\*\*All the types of this list could be also available in customized decitex/filaments, and special properties could be achieved, based on projects with customers.

## ADDITIONAL PROPERTIES AVAILABLE IN ALL TYPES

SPUN DYED YARNS | R-PET YARNS | FLAME RETARDANT YARNS | FOOD CONTACT | WATER APPROVAL | LOW-WICK YARNS

## SPECIALTIES, PROJECT BASED

DST-DEEP SEA TREATMENT | UV RESISTANT YARNS | BIODEBRADABLE YARNS | POLYPROPYLENE | POLYAMIDE 6

Please, ask our commercial team to find the best solution for you (brilenht@samca.com)