		Polyamide/Nylon (PA)	Wool (WO)	Polyester (PET, PES)	Cationic modified Polyester (CDPET)	Acrylic (PAC, PAN)	Sorona, Triexta (PTT)	Cotton (CO); linen	Olefin, Polypropylen (PP)
Zimmer AUSTRIA		high price good resilience easy process	very high price moderate resilience dull color	low price good fastness low resilience difficult process brilliant and shiny	brilliant shades moderate price moderate resilience easy process	high price excellent light fastness very soft (like wool) bad resilience	slightly cheaper than polyamide very good resilience easy process	high price very good wash fastness difficult process	low price can not be dyed or printed
Property and Fastness	Resilience	+++	++		+		++		
	Flame resistance	++	+++	+/-	+	+/-	++	+	+/-
	Stain resistance	-	+	+++	++	+	+++		++
	Light fastness	++	++	+++	+	+++	++	+	++
	Wash fastness	++	++	+++	+++	++	++	+++	++
	Chlorine fastness	+	+	+	++	++	++	+	++
Dye Class and after Process Printing	Acid	contract carpet carpet tiles outer wear / swimwear laundry mats technical textile automotive / aviation military / camouflage print - steam - wash - dry	rugs contract carpet automotive / aviation print - steam - wash - dry						can not be printed or dyed; only solution/spin dying possible
	Cationic				rugs and mats sportswear upholstery print - steam - (wash) - dry	rugs upholstery / window fashion awnings / sunblinds print - steam - (wash) - dry			
	Disperse			rugs / mats / needlefelt home textile / fashion military / camouflage technical textiles print - hight temperatur fixation - reductive wash - dry			contract carpet print - high temperature fixation - reductive wash - dry		
	Pigment	all kind of products with any fiber combination. Not really recommended for pile products like carpets or terry towels. print - dry/cure							
	Reactive	laundry mats mats and rugs print - steam - wash - dry	rugs print - steam - wash - dry					fashion / home textiles terry products print - steam - wash - dry	-
	Sublimation			needlefelt, narrow fabric print - high temperature fixation - (wash)-dry					
	VAT							Terry towels / upholstery high end home textiles camouflage print - dry padding - flash ager - oxidation - wash - dry	