

bluesign® TOOL User Manual

Annex: Chemical product categorization for bluesign® TOOL

Process categories

Process categories (PROC) and Process subcategories (PROSC)

Process categories (PROC) and Process subcategories (PROSC)	Fibers/yarns	Textile articles	Garments	Down and feather articles	Leather articles	Plastic articles	Rubber articles
Aftertreatment							
Batch processing	•	•	•	•			•
Continuous processing	•	•					•
Pad processing	•	•					•
Spray processing			•				
Assembling							
Assembling with bonding (automated)			•		•	•	•
Assembling with bonding (manually)			•		•	•	•
Mechanical assembling (automated)			•				•
Mechanical assembling (manually)			•				•
Bleaching							
Batch processing	•	•	•	•	•		
Continuous processing	•	•			•		
Pad processing	•	•			•		
Spray processing	•	•	•	•	•		
Bonding (not manually)							
Chemical bonding		•			•	•	•
Mechanical bonding		•					
Thermal bonding		•					
Calendering							
No process subcategory available		•					•
Chemical sterilization							
Batch processing				•			
Manual application				•			
Spray processing				•			
Coating							
Curtain coating		•				•	•
Dip coating	•	•	•			•	•
Knife or roll coating		•	•			•	•
Manual application		•	•			•	•
Powder coating		•	•			•	•
Spray coating	•	•	•			•	•
Wet coagulation coating		•					•
Dry cleaning							
No process subcategory available		•	•				•
Dyeing							
Batch processing	•	•	•	•	•	•	
Continuous processing	•	•			•		•
Pad processing	•	•			•		•
Extrusion							
No process subcategory available	•					•	•
Fatliquoring							
Batch processing					•		

Fiber/yarn preparation								
Batch processing	•							
Pad processing	•							
Spray processing	•							
Finishing								
Batch processing	•	•	•	•				•
Continuous processing	•	•						•
Pad processing	•	•						•
Spray processing	•	•	•	•				•
Impregnating								
Batch processing								•
Continuous processing								•
Manual application								•
Pad processing								•
Spray processing								•
Knitting								
No process subcategory available		•						
Laminating								
No process subcategory available		•				•	•	•
Leather finishing								
Curtain coating						•		
Dip coating						•		
Knife or roll coating						•		
Manual application						•		
Spray processing						•		
Leather preparation (Beamhouse)								
Batch processing						•		
Mechanical treatment								
Casting and extrusion process								
Cold processing							•	
Hot processing							•	
Molding								
No process subcategory available							•	•
Paint stripping								
Batch processing						•	•	•
Manual application				•		•	•	•
Spray processing				•		•	•	•
Painting/lacquering								
Curtain painting/lacquering						•	•	•
Dip painting/lacquering						•	•	•
Electrostatic powder painting/lacquering						•	•	•
Electrostatic wet painting/lacquering						•	•	•
Manual application				•		•	•	•
Spray painting/lacquering				•		•	•	•
Pretreatment								
Batch processing	•	•	•	•				•
Continuous processing	•	•						•
Pad processing	•	•						•
Spray processing	•	•						
Printing								
Direct printing - digital printing		•	•			•	•	•
Direct printing - screen, flock or garment printing	•	•	•			•	•	•
Discharge printing		•	•			•	•	•
Pad printing	•	•				•	•	•
Resist printing (several methods - wax, mordant)		•	•			•	•	•
Rotary or flat screen printing on yard goods		•				•	•	•
Transfer printing - sublimation, digital, indirect flock, flex or digiflex printing		•	•			•	•	•
Scouring								
Batch processing	•	•	•	•				
Continuous processing	•	•						
Pad processing	•	•						
Sizing								
No process subcategory available		•						
Spinning								
Dry spinning (polymer dissolved in solvent - evaporation of solvent)	•							
Electrospinning	•							
Gel spinning	•							
Melt spinning (e.g. extrusion or direct spinning)	•							
Wet spinning (polymer dissolved in solvent)	•							
Surface treatment (chemical)								
Batch processing							•	

Continuous processing							•	
Manual application							•	
Spray processing							•	
Tanning/re-tanning								
Batch processing						•		
Vulcanization								
No process subcategory available							•	•
Washing and cleaning (not further specified)								
Batch processing	•	•		•			•	•
Continuous processing	•	•						•
Manual application		•					•	•
Pad processing	•	•						•
Spray processing		•					•	•
Weaving								
No process subcategory available		•						

Full names of Sectors of Use:

Manufacture of fibers/yarns

Manufacture of textile products including fabrics, laminates and non-wovens

Manufacture of garments and other finished textile goods (e.g. backpacks)

Manufacture of down and feather products

Manufacture of leather products

Manufacture of plastic products and compounding (e.g. membranes, buckles)

Manufacture of rubber products