



Textiles Committee

Government of India, Ministry of Textiles

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Questionnaire for Mandatory Standard of Textured Yarn of Polyester (HS: 540233)

1. Corporate Office

1.1. Name & address		
	Tel. No.	Fax:
	Website:	
Email:		
1.2. Contact Person CEO/VP/GM/Technical	Name:	
	Designation:	
	Phone:	Mobile:
	Email:	

2. Polyester Textured Yarn Manufacturing Division/Unit

2.1. Name & address		
	Tel. No.	Fax:
Email:		
2.2. Contact Person GM/Unit Head/Technical	Name:	
	Designation:	
	Phone:	Mobile:
	Email:	

3. Nature of Business

	% share of the production
3.1. Captive consumption*	
3.2. Domestic market	
3.3. Export market	
*If Captive consumption, please provide the types of product manufacturing & their end use application	

4. Raw materials being used for Your Textured Polyester Yarn

S.No	Raw material Used	Domestic %	Imported %
4.1.1			
4.1.2			
4.1.3			
If your unit is of texturing only, please provide polyester yarn specification followed by you			
S.No	Characteristic	Requirement	Method of Test
4.2.1			
4.2.2			
4.2.3			
4.2.4			
4.2.5			

5. Constructional and Performance requirements of Polyester Textured Yarn

5.1. Basic Parameters [Please Tick \sqrt]

5.1.1. Type of Texturing			
False-twist / Draw Texturing	<input type="checkbox"/>	Air-Jet Texturing	<input type="checkbox"/>
		Other Texturing	<input type="checkbox"/>
In case you marked on other texturing please mention the type of texturing.			
5.1.2. Fiber Cross-section			
Round	<input type="checkbox"/>	Serrated	<input type="checkbox"/>
Trilobal	<input type="checkbox"/>	Triangular	<input type="checkbox"/>
Octolobal	<input type="checkbox"/>	Other	<input type="checkbox"/>
5.1.3 Brightness / Lustre			
Full Dull (FD)	<input type="checkbox"/>	Bright (B)	<input type="checkbox"/>
Semi Dull (SD)	<input type="checkbox"/>	Super Bright (SUB),	<input type="checkbox"/>
5.1.4. Colour			
Grey	<input type="checkbox"/>	White	<input type="checkbox"/>
Optical White	<input type="checkbox"/>	Coloured/Dyed	<input type="checkbox"/>
If Coloured/Dyed yarn, please provide the types of Dyeing			
Dope Dyed	<input type="checkbox"/>	Cationic Dyed	<input type="checkbox"/>
Conventional Dyeing	<input type="checkbox"/>	Other	<input type="checkbox"/>
5.1.5. Intermingle			
Non-Intermingled	<input type="checkbox"/>	Soft-Intermingled	<input type="checkbox"/>
Low-Intermingled	<input type="checkbox"/>	Intermingled	<input type="checkbox"/>
High-Intermingled	<input type="checkbox"/>	Other	<input type="checkbox"/>

5.2. Essential Parameters

Sl. No.	Characteristic	Requirement	CV % Max	Method of Test
5.2.1.	Linear Density of yarn (Denier /Tex)			
5.2.2.	No. of Filaments			
5.2.3.	Twist - Twists Per Meter (TPM)			
5.2.4.	Tenacity, gm/denier or gm/tex or cN/Tex			
5.2.5.	Elongation at Break %			
5.2.6.	Boiling Water Shrinkage %			
5.2.7.	Hot Air Shrinkage %			
5.2.8.	Moisture Content %			
5.2.9.	Bulk Ratio			
5.2.10.	Crimp Contraction %			
5.2.11.	Stretch Potential %			
5.2.12.	Recovery Potential %			
5.2.13.	Finish Oil Pick-Up %			
#				
#				
#				

If Dyed Polyester Textured Yarn

Colour Fastness Ratings to		Requirements, <i>Min</i>			
		Dope Dyed	Cationic Dyed	Conventional Dyed	Method of Test
5.2.14.	Light Change in Colour				
5.2.15.	Washing, Test 2 a) Change in Colour b) Staining				
5.2.16.	Rubbing a) Dry b) Wet				
5.2.17.	Perspiration (acidic and alkaline) a) Change in colour b) Staining				
5.2.18.	Dry Heat Treatments Change in Colour				
#					

Note: # other if any Please specify.

5.3. Additional Parameters

Sl.No	Characteristic	Requirement	Method of Test
5.3.1.	Phosphorus Content % (m/m), <i>Min</i> (For Flame Retardant Yarns Only)		
5.3.2	UV Resistance (For UV Resistant Yarns Only), 500h, Percent Retained Strength, <i>Min</i>		
5.3.3.	Anti-Microbial Activity Value, <i>Min</i> (Only for Anti- Microbial fibres)		
5.3.4.	Free and Releasable Formaldehyde, mg/kg (ppm), <i>Max</i>		
5.3.5.	Extractable Heavy Metals by Artificial Acidic Sweat, mg/kg (ppm), <i>Max</i> a) Chromium, Total b) Lead c) Cadmium d) Copper		
5.3.6.	Banned Azo Colourants, mg/kg (ppm), <i>Max</i>		
5.3.7.	Water Soluble Matter, Percent, <i>Max</i>		
#			
#			
#			

Note: # other if any Please specify. (like Anti-bacterial, Anti-Static, Wicking, Far-infrared,etc...)

5.4. Requirements of Brightness for Polyester Textured Yarn

Sl.No	Type of Polyester Textured Yarn	Brightening agent name & Content % <i>Max.</i>
5.4.1.	Full Dull (FD)	
5.4.2.	Semi Dull (SD)	
5.4.3.	Bright (B) or Trilobal Bright (TB)	
5.4.5	Super Bright (SUB),	

6. Detail of User Industries of your Polyester Textured Yarn.

User Industry	Name, address, email-id and Phone/Mob. No of the users

7. Do you have the in-house system for quality assurance (Inspection/Testing/any other?)

Yes:

No:

If No, name the supporting organisation/test houses/any other.

1.	2.
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8. Do you follow any specific standard (National/International) for the Polyester Textured Yarn?

Yes:

No:

If yes, please name the standards.

9. If No, Would you like to have the regulation/standard for the product?

Yes:

No:

If No, reasons thereof:

10. Suggestions, if any

Please attach Additional sheet if you required.