QUALITY – INNOVATION – POSSIBILITIES

INDIAN FDY MARKET

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WHAT IS FDY?

- Fully Drawn Yarn (FDY) is produced by a process similar to POY manufacturing except that the yarn is produced at higher spinning speeds coupled with intermediate drawing integrated in the process itself.
TYPES OF FDY

• **Denier:** Ranging from 20 to 600 deniers
• **Filaments:** 24 to 288
• **Luster:** Full dull / Semi dull / Bright
• **Cross Section:** Round / Trilobal / Eye / Rectangle.. Etc.
CHARACTERISTICS OF FDY

- Strong
- Quick Drying
- Wrinkle Resistant
- Mildew Resistant
- Retains heat-set pleats and crease
- Easily washable
- Smooth and Lustrous
Application of FDY

- **Apparel:** Every form of Clothing (Suiting, Shirting, Sarees etc.)
- **Home Furnishing:** Carpets, Curtains, Draperies, Sheets and Pillow Cases, Wall Covering, and Upholstery
- **Other Uses:** Hoses, Power Belting, Ropes and Nets, Thread, Tire Cord, Auto Upholstery, Sails etc.
INDIAN FDY CAPACITIES

Internal Sources

Operating Rate: 70-75%

Present Production Capacity: 55000 KTA/Month

Expansions: 15000 KTA/Month

FDY CAPACITIES
CONCERNS OF INDIAN FDY MARKET

- Downstream market remains fragmented
- Difference in Supply and Demand leading to Overcapacity, this result to
  - Lower Capacity Utilization
  - Lower margins.
- Unorganized downstream Industry
  - Financially weak
  - Unstable demand for FDY
  - No Innovations.
  - No Integrated production
  - No R & D expenditures.
INTRODUCTION TO DODHIA GROUP
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>1972</td>
<td>Started Fabrics Manufacturing with 40 Powerlooms</td>
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<td>1990</td>
<td>Started Yarn Dyeing Process – in Fancy Dyeing</td>
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<tr>
<td>1995</td>
<td>Started Yarn Dyeing Process – in Solid Dyeing</td>
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<td>2001</td>
<td>Started Texturizing &amp; Air-Texturizing Unit</td>
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<td>2008-09</td>
<td>Started Doubling/Plyed and Cabled/Mutifolded Yarn Unit for exports</td>
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<td>2010-14</td>
<td>Group Turnover crossed 500 Crores, A benchmark figure. whereby maintaining its growth in tough international economic slowdown, especially in Textile Sector</td>
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<td>2015-16</td>
<td>Group maintained its turnover vis-à-vis huge business uncertainties all over the world and steep downfall in crude prices, even though turnover achieved were higher as compared to last year.</td>
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FACILITIES

TEXTURIZING
AIR TEXTURIZING
AIR COVERING
YARN DYEING
SPACE DYEING
HIGH BULKING
COTTON SIZING
CABLING
TWISTING
SECTORS

- Shirting
- Suiting
- Knitting
- Carpets & Rugs
- Furnishing, Automotive
- Sarees & Dress Materials
- Sewing & Embroidery Threads
- Labels & bands
- Technical textiles
INNOVATIONS/DEVELOPMENTS BY DODHIA GROUP

- Successfully replaced 100% acrylic/poly acrylic rugs/velvet with polyester filament yarns.
- Successfully introduced FDY into carpets.
- Successfully replaced 100% viscose spun yarn with polyester filament yarn.
- Introduced many new fancy polyester yarns in Rugs/Carpets.
- Developed silk look yarn with 100% polyester yarns.
- Introduced successfully 100% polyester filament space dyed yarn into seamless/circular knitting industries.
- Introduced JUTE look yarn into Home Furnishings.
- Developed ATY sewing thread to replace core spun yarn.
CLOSING THOUGHT

• More serious efforts are required in FDY developments to create new markets/segments.
THANK YOU