

Cut Loose

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I got this feeling

...

- That this dress is made from a blush pink sheer chiffon looking fabric and is layered for the skirt.
- Chiffon is lightweight and plain weave.
- This dress seems to be layered on top of being lined
- Disclaimer: There was not much information to be found about this dress design and fabrics.



I got this feeling ... (cont.)

- That this dress is also made from a blush pink sheer chiffon looking fabric and is layered for the skirt.
- Chiffon is lightweight and plain weave, which makes it extra flowy.
- Chiffon made with 100% polyester

Disclaimer: There was not much information to be found about this dress design and fabrics.

Dancing in the Sheets

- Construction : Sewn, glued, hand-constructed, machine
- In the 1980's costumers used sewing machines, so I assume that these dresses were sewn on a machine for the most part.
- The ribbon around the waist and bottom of the dress appears to have been hand sewn. This gives an authentic home-made tailored look for a high school prom dress.
- The prom dress is reminiscent of the era of the movie with its simplicity and cut. The bust is elasticized for a snug fit with an underlayer of fabric for coverage. The outer layer of the bust is a frill/flounce overlay featuring two flat straps for minimal support.
- The bodice and skirt of the dress appears to be multi layered because of the rippling

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How the Fabric was Made

- Chiffon fabric is generally produced from synthetic fibers such as nylon and polyester but mostly from polyester due to its low cost
- Polyester is a manufactured fiber in which the fiber forming substance is any long chain synthetic polymer composed of at least 85% by weight of an ester of a substituted aromatic carboxylic acid (iTextiles)
- Chiffon is made from weaving yarns in an alternating pattern (Stefanie, 2019)

Composition

- The 1984 dress is a floor length chiffon dress. It is made of a pink chiffon fabric and is lightweight to touch
- The 2011 dress were slightly below knee length
- Both dresses has low opacity and has a low luster
- Both of the dresses are blush pink in color
- The dresses seem to have a slightly rough texture



Mechanical Properties

- Polyester has medium to high tenacity, high elastic recovery and resiliency, varied flexibility, and is hydrophobic which makes it not suitable for hot and humid temperatures
- Polyester fabrics tend to have good dimensional stability once they are heat set (iTextiles)
- The abrasion resistance in polyester fabrics are high due to how strong and durable the fibers are but is weaker than the fibers in nylon
- The fabric is light weight and drapes easily

Conclusion

- The garment were selected for the movie finale which was the first dance they were allowed to have since it was banned.
- The final scene was a prom dance.
- The dresses were both off the shoulder and similar colors.
- The dresses were different lengths
- The original dress was simple in style with and held with a zipper on the back
- The new w dress was more stylistic on the top with no bow of zipper in site.



References

- Stefanie. (2019, December 3). What is Chiffon Fabric? Luxury Naturals Vs Thrifty Synthetics. Retrieved from <https://www.contrado.com/blog/what-is-chiffon/#:%7E:text=How%20is%20Chiffon%20made%3F,crumpling%20effect%20in%20different%20directions.>
- Polyester – Performance. (n.d.). Retrieved December 07, 2020, from http://www.itextiles.com/v30/itext/html/perf_1_4440.shtml