

IMPROVING THE USE OF KNITTED FABRICS IN CHILDREN'S LIGHT CLOTHING

Oripov Jasurbek Ikromjon's son – ttfd, (PhD)

FERGANA POLYTECHNIC INSTITUTE

(Republic of Uzbekistan)

Abdullayeva Zulayho Olimjon's daughter

Graduate student of group M25-22

FERGANA POLYTECHNIC INSTITUTE

(Republic of Uzbekistan)

Abstract . In this article, the formation of the wardrobe of young children using knitted fabrics and what types of clothes should be included in it, what aspects of them should be paid attention to, and the peculiarity of the requirements for them are analyzed.

Annotatsiya: mazkur maqolada trikotaj matolaridan foydalangan holda yosh bolalarning garderobini shakllantirish hamda unga qanday kiyim turlari kirishi va ularning qanday jihatlariga e'tibor berish kerakligi va ularga qo'yiladigan talablarning o'ziga xos xususiyati tahlil etilgan.

Key words . Young children's clothes, knitted fabrics and their types, requirements for young children's clothes, raw materials, durability.

Kalit so'zlar. Yosh bolalar kiyimlari, trikotaj matolar va ularning turlari, yosh bolalar kiyimlariga qo'yiladigan talablar, xomashyo, mustahkamlik.

All over the world, special attention is paid to the protection and care of children, and June 1 - International Children's Day is celebrated with great joy. After all, no matter what country it is, if the joyful laughter of children can be heard in it, both today and tomorrow of this country will be bright. Nowadays, parents pay attention to many aspects when choosing clothes for their children. For example, cut, size, color palette, accessories, design, material, etc. We will take a broader approach to the last thing, the material. The most difficult questions for parents when choosing clothes for their children: what is the composition of the material of the purchased clothes? Does it contain allergens? Physico-mechanical properties of clothing material, i.e. heat and moisture permeability, etc.

Characteristics of children's clothing: it should be comfortable and wide (a little wide) for the child to move freely. The must-haves of each type are:

1st underwear. It is advisable to use cotton and other natural silks to avoid chafing and irritation caused by clothing with synthetic threads. Mahra is a very soft fabric that absorbs a lot of moisture easily. Mahra is a natural material. It is a linen or cotton fabric, the surface of which is covered with a set of threads on one side. In addition to clothes for newborns, towels and bathing gloves are also sewn.

2. Nightwear (pajamas). Natural fabrics with a content of 100% cotton are mainly used for night clothes. Lining is one of the most delicate and pleasant fabrics. The bottoms

are smooth on the outside and soft on the inside, so they're surprisingly gentle on newborns. The bottom is made of cotton, so it has good heat retention properties. The sole perfectly absorbs moisture and at the same time remains hypoallergenic. In addition, it keeps its shape perfectly, so the bottom product does not stretch. Another important quality of clothes on the bottom is durability: scratches and wrinkles are not visible on the products. It is very important to wash clothes made of hem at a temperature of 30 - 40 °C, because washing in hot water can seriously damage the product.

3- outerwear. For children's outerwear, fabrics with high elasticity are used, which retain heat well and are fast moving. For example, capito is a warm, three-layer knitted fabric with a diamond-shaped stitch effect. As a rule, this fabric is produced in one color. Since it is a natural material, it not only warms the child, but also allows air to pass through and allows the skin to breathe. Composition - 100% cotton.

In conclusion, young children's clothes made of the fabrics we offer are comfortable for them in every way. Also, taking into account the rapid growth of young children, the use of this type of fabric reduces the cost of the product and provides convenience for parents.

REFERENCES:

1. Ziyamukhamadova U.A ."Material Science". Tashkent 2018
2. "Gas science" J. Ochilov. State publishing house
3. "Fundamentals of sewing technology." NSGaipova, M.Z.Ismatullayeva, A.S.Akhmetova, X.Z.Ismatullayeva. Tashkent 2016.
4. Рустамова, М. Ф. К., & Рустамов, М. А. У. (2022). Изготовление современных искусственных нитей для пошива одежды на производстве АО «Ферганаазот». Science and Education, 3(5), 584-590.
5. Jaxongirovna, X. D. (2022). ZAMONAVIY KIYIM TIKISHDA TRANSFORMATSIYA USLUBLARINING O 'RNI. Uzbek Scholar Journal, 7, 112-117.
6. Tursumatova, S., Tursunov, D., & Isroilova, N. (2023). Research on the Production of Special Clothing for Car Repair Workers, Taking into Account Human Ergonomic Characteristics. Eurasian Research Bulletin, 17, 204-209.
7. Sh, T. X., Nizamova, B. B., & Mamatqulova, S. R. (2021). Analysis Of The Range Of Modern Women's Coats. The American Journal of Engineering and Technology, 3(09), 18-23.
- 8.Qaxxorovich, N. Q., Juraevich, Y. N., Nozimjonovna, O. I., & Baxtiyorovna, N. B. (2021). The Perspective Directions For The Development Of Sericulture. The American Journal of Engineering and Technology, 3(09), 24-27
9. Baxtiyorovna, N. B. (2021). Analysis of New Assortments of Women's Dresses Made of Knitted Fabric. Central asian journal of arts and design, 2(11), 4-8.

10. Baxtiyorovna, N. B. (2022). The features of pattern formation on flat knitting machines. International Journal of Advance Scientific Research, 2(02), 1-11.
11. Nizamova, B. B. (2022). Changes in the structure of knitted fabrics. Innovative Technologica: Methodical Research Journal, 3(01), 52-57.
12. Baxtiyorovna, N. B. (2022). Development of Structures of Double Patterned Weaves With Elements of Press Loops With A Geometric Pattern. Eurasian Research Bulletin, 14, 175-181.
13. Samiyevna, T. S., & Raxmatovna, M. S. (2022). The importance of creating embroidery patterns from the methods of artistic decoration in the light industry. Innovative Technologica: Methodical Research Journal, 3(5), 1-10.
14. Tursumatova, S. (2022). Selection of sewing machines and establishment of manufactured assortments. American Journal of Applied Science and Technology, 2(06), 42-46.
15. Tursumatova, S., & Kholmatova, M. (2023). ANALYSIS OF THE RANGE OF CHILDREN'S CLOTHING OF VARIOUS FIBER COMPOSITION. Conferencea, 86-92.
16. Mamatqulova, S., & Tadjikuziyev, R. (2020). Метод оцінки рівня кваліфікації ремонтних роботників підприємства автомобільного обслуговування. Логос. Мистецтво Наукової Думки, (10), 41-44.
17. Maxamatov, A. M. O. G. L., Ismoilova, D. S., & Mamatqulova, S. R. (2021). Improving the system of electrical equipment of cars on the basis of adaptive power converters. Science and Education, 2(2), 110-114.
18. Mamatqulova, S. R., Nurmatov, D. X. O., Ergashev, M. I. O., & Moydinov, N. X. O. G. L. (2020). The influence of the qualification of repair workers on the efficiency of technical operation of automobiles. Science and Education, 1(9), 193-197.
19. Raxmatovna, M. S. (2021). The description of perspective fashion trends in men's clothing. Innovative Technologica: Methodical Research Journal, 2(10), 15-20.
20. Tadjikuziyev, R. M., & Mamatqulova, S. R. (2023). Metal kukunli (poroshokli) maxsulotlar texnologiyasi. Science and Education, 4(2), 650-659.
21. Tadjikuziyev, R. M., & Mamatqulova, S. R. (2023). Rezina va nometal qismlarni ishlab chiqarish texnologiyasi. Science and Education, 4(2), 638-649.
22. Raxmatovna, M. S. (2022). Analysis of women's clothes sewing-a study to develop a norm of time spent on the technological process of knitting production. International Journal of Advance Scientific Research, 2(03), 16-21.
23. Raxmatovna, M. S. (2022). Research on the development of norms of time spent on the technological process of sewing and knitting production; basic raw materials, their composition and properties. Innovative Technologica: Methodical Research Journal, 3(03), 28-32.
24. Samiyevna, T. S., & Raxmatovna, M. S. (2022). The importance of creating embroidery patterns from the methods of artistic decoration in the light industry. Innovative Technologica: Methodical Research Journal, 3(5), 1-10

25. Маматкулов, Р. С. (2020). Особенности формирования готовности будущих педагогов к инновационной деятельности средствами информационных технологий. Academic research in educational sciences, (2), 349-354.
26. Ulugboboyeva, M. M., & Tursunova, X. S. (2021). Ways to solve problems in the production of knit wear. Asian Journal of Multidimensional Research, 10(9), 29-33.
27. Tursunova, X. S., & Rahmatovna, M. S. (2020). Ayollar paltosi uchun gazlamalar taxlili. In 3 rd international congress of the human and social science researches (itobiad).
28. Rahmatovna, M. S. (2022). Analysis of women's clothes sewing-a study to develop a norm of time spent on the technological process of knitting production. International Journal of Advance Scientific Research, 2(03), 16-21.
29. Tursunova, X. S. (2021). Study of Preliminary Design Work for the Selection and Manufacture of Fabrics Based on the Analysis of School-Age Girls' Clothing. ISJ Theoretical & Applied Science, 11(103), 568-572.
30. Maripdjanovna, U. B. M., & Xilola, T. (2022). Problems of automation of technological processes of sewing manufacturing. Galaxy International Interdisciplinary Research Journal, 10(1), 550-553.
31. Tursunova, K., & Fozilov, S. (2022). Research on the Development of Daily Clothing Sets for Teenage Girls from BI-Component Knitted Fabrics. Periodica Journal of Modern Philosophy, Social Sciences and Humanities, 12, 26-28.
32. qizi Tursunova, X. S., & Ruzimatova, O. (2022). AYOLLAR PALTOSI TEKSTURASI TAXLILLARI ASOSIDA MODEL YARATISHNING AHAMIYATI. Results of National Scientific Research International Journal, 1(7), 246-250.
33. Nazarova, M., Kayumov, J., & Tursunova, K. (2023, June). Development of heating coats in Uzbekistan on the basis of analysis of the technologies of local wool fibers processing in small enterprises. In AIP Conference Proceedings (Vol. 2789, No. 1). AIP Publishing.
34. Ulugboboyeva, M. M. (2021). Creation of new modern clothes from national fabrics. Innovative Technologica: Methodical Research Journal, 2(11), 63-68.
35. Maripdjanovna, U. B. M., & Valiyevich, X. J. (2021). Research and analysis of physical and mechanical properties of the national fabric-adras. Innovative Technologica: Methodical Research Journal, 2(12), 77-88.
36. Maripdjanovna, U. B. M., & Xilola, T. (2022). Problems of automation of technological processes of sewing manufacturing. Galaxy International Interdisciplinary Research Journal, 10(1), 550-553.
37. Ulug'boboyeva M. Development of the Concept of a Collection of Dresses from Khonatlas Fabric //Eurasian Journal of Engineering and Technology. – 2022. – Т. 10. – С. 121-124.
38. Орипов, Ж. И., & Валиев, Г. Н. (2020). Исследование качественных характеристик шёлка-сырца механического и автоматического кокономотания.

Физика волокнистых материалов: структура, свойства, наукоемкие технологии и материалы (SMARTEX), (1), 84-87.

39. Валиев, Г. Н., Орипов, Ж. И. О., & Турдиев, М. (2020). Новая технология подготовки нитей основы к ткачеству при выработке тканей крепдешин. In Сборник научных трудов Международной научной конференции, посвященной 110-летию со дня рождения профессора АГ Севостьянова (pp. 147-151).

40. Орипов, Ж. И. О., Валиев, Г. Н., & Турдиев, М. (2021). Исследование влияния способа производства шёлка-сырца на его качественные характеристики. In Сборник научных трудов Международной научной конференции, посвященной 150-летию со дня рождения профессора НА Васильева (pp. 63-67).

41. Валиев, Г. Н., Орипов, Ж. И., & Турдиев, М. (2019). Улучшение качества намотки креповых нитей на крутильных машинах. Актуальная наука, (11), 9-12.

42. Nozimjonovna, O. I. (2022). Constructive analysis of modern circular needle knitting machines. American Journal of Applied Science and Technology, 2(06), 75-43. Nozimjonovna, O. I., Madaminovich, K. K., Umarjanovna, R. S., & Maqsud o'g, E. M. M. (2022). ANALYSIS OF PHYSICOMECHANICAL PARAMETERS OF NEW PATTERNED KNITTED FABRICS OBTAINED ON KNITTING MACHINES WITH TWO CIRCULAR NEEDLES. International Journal of Advance Scientific Research, 2(09), 1-9.

44. Uralov L. et al. Analysis of the effect of technological parameters of physical and mechanical indicators of two-layer knitted fabrics //AIP Conference Proceedings. – AIP Publishing, 2023. – Т. 2789. – №. 1.

45. Nozimjonovna O. I., Xusanboyevna I. D. ZAMONAVIY TRIKOTAJ TO 'QIMALARINING HOZIRGI KUNDAGI AHAMIYATI //Новости образования: исследование в XXI веке. – 2022. – Т. 1. – №. 4. – С. 577-580.

46. Maxmudjon, T., Abdusattorovna, M. G., & Qosimjonovna, U. N. (2021). The Relationships between Constructive and Technological Solutions in the Creation of Clothes. Central asian journal of arts and design, 2(11), 55-59.

47. Sadiqovna, A. M. (2022). Determining the Type of Clothing Suitable for Women With An Non Typical Figure. Texas Journal of Engineering and Technology, 10, 22-26.

48. Sodiqovna A. M., Abduqodirovna B. R. N. NOTIPAVIY QOMATLI AYYOLLARNING O'LCHAMLARI VA TANA TURLARINING FARQLANISHI //Science and innovation. – 2022. – Т. 1. – №. A3. – С. 284-288.

49. Abduraximova, M. (2022). NOTIPAVIY QOMATLI AYOLLARGA MOS TUSHUVCHI KIYIM TURINI ANIQLASH. Естественные науки в современном мире: теоретические и практические исследования, 1(18), 41-45.

50. Sodiqovna, A. M. (2022). Notipaviy qomatli ayollarga reglan bichimli yeng turlarini avfzalligi. PEDAGOOGS jurnali, 13(1), 130-133.

51. Sodiqovna, A. M., Abdurashidovna, E. R., & Uktamovna, A. D. (2021). Study of female abnormal body types and analysis. Journal INX-A Multidisciplinary Peer Reviewed Journal, 333-335

52. Husanqizi, S. M., Ubaydulloyevna, Y. D., & Valiyevich, H. J. (2021). Analysis of the development of older women's clothing of different subcultures (On the example of muslim women's clothing). Asian Journal of Multidimensional Research, 10(9), 377-381.
53. Kh, Q. D., Nigmatova, F. U., Yusupova, D., & Sovriddinova, M. (2021). Muslim Clothing As A Sign Of A Separate Subculture Of Older Women. The American Journal of Engineering and Technology, 3(05), 56-64.
54. Yusupova, D., & Butayeva, N. (2022). KATTA YOSHDAGI AYOLLAR UCHUN KIYIM ASSORTIMENTIGA ISTE'MOLCHILARNING EXTIYOJLARINI O 'RGANISH. Science and innovation, 1(A7), 496-500.
55. Sovridinova, M. H., & Yusupova, D. U. (2021). KATTA YOSHDAGI AYOLLAR KIYIMLARIGA BO'LGAN TALABLARNI ANIQLASH. Евразийский журнал академических исследований, 1(9), 675-679.
56. Yusupova, D. U., & Sovridinova, M. X. (2020, November). O 'ZBEKISTONDA KEKSAYGAN AYOLLAR UCHUN KIYIM-KECHAK DIZAYNIDAGI HOZIRGI DAVLAT VA RIVOJLANISH TENDENSIYALARI. In Archive of Conferences (Vol. 9, No. 1, pp. 190-192).
57. Samievna, T. S., Mirkomilovna, R. M., & Obidovich, K. V. (2021). The professional pedagogical activity in modern education. ACADEMICIA: An International Multidisciplinary Research Journal, 11(9), 275-277.
58. Рахмонова, М. М., & Урмонова, Н. К. (2021). Основные Требования, История И Факты О Детской Одежде. Central Asian Journal Of Arts And Design, 2(12), 74-78.
59. Рахманова М. М., Анорбоев А. МОДА САНОАТИ ВА УНИНГ РИВОЖЛАНИШ ИСТИҚБОЛЛАРИ //Scientific progress. – 2021. – Т. 2. – №. 7. – С. 555-556.
60. Maxmudjon, T., & Abdurakhimova, M. (2022). THE METHODS OF WELDING DETAILS OF SEWING ITEMS FROM THERMOPLASTIC MATERIALS. International Journal of Advance Scientific Research, 2(12), 125-132.
61. Davronbek, T. (2023). CLO3D YORDAMIDA AYOLLAR QOMATLARINI HAMDA UNDA KIYIM O 'RNASHUVINI TAHLIL QILISH ORQALI KIYIM DIZAYNINI ISHLAB CHIQISH. Scientific Impulse, 1(8), 599-603.
62. Odinabonu, R. (2022). PALTOBOP QALIN GAZLAMALARING SUV SHIMISH XOSSALARINING TAHLILI. Scientific Impulse, 1(4), 1626-1630.
62. Валиев, Г. Н. (2018). Аналитическая зависимость распределения давления крестовой намотки на ее основание вдоль оси паковки при сложных формах намотки и методика ее определения. Известия высших учебных заведений. Технология текстильной промышленности, (3), 106-113.
63. Мирзахонов, М., & Валиев, Г. Н. (2020). Разработка новой структуры платально–костюмной ткани из натурального шелка Development of a new structure of dress-costume fabrik made of natural silk. In Сборник научных трудов Международной научной конференции, посвященной (pp. 261-264).

63. Хомидов, В. О., Валиев, Г. Н., & Турдиев, М. (2018). Устройство для испытания натяжных приборов текстильных машин. In Дизайн, технологии и инновации в текстильной и легкой промышленности (ИННОВАЦИИ-2018) (pp. 89-92).
64. Валиев, Г. Н. (2016). Пространственное распределение угла подъёма витка намотки мотальной паковки. In Дизайн, технологии и инновации в текстильной и легкой промышленности (Инновации-2016) (pp. 36-40).
65. Валиев, Г. Н. (2015). Аналитическая зависимость пространственного распределения давления слоя крестовой намотки на её основание по мере формирования паковки. Физика волокнистых материалов: структура, свойства, научные технологии и материалы (SMARTEX), (1), 212-216.
66. Xoshimova, M. X. Q., & Tursunuva, X. S. Q. (2021). Kombinatsiyalashgan yengli ayollar paltosining konstruktiv shakllari tahlili. Scientific progress, 2(8), 622-626.
67. Xoshimova, M. X. Q., & Yuldasheva, D. B. Q. (2021). IPAK MATOLARINING TURLARI VA ULARNING TAHLILI. Scientific progress, 2(8), 627-633.
68. Muhammadrasulov, S. X., Xoshimova, M. X., & Mominov, B. B. (2023). STUDY OF PHYSICAL AND MECHANICAL PROPERTIES OF SILK FABRICS AND THEIR ANALYSIS. European Journal of Emerging Technology and Discoveries, 1(3), 28-34.