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PROUDLY  
**AKSA**  
FOR

**50**  
YEARS



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armora

Armoring you for safety and comfort





# Meet the New Generation of Modacrylic Fiber: armora

Inherently flame retardant (FR) fibers are the fibers in which FR property is naturally part of the polymer backbone and can never be worn away or washed out. Modacrylic fiber is a very unique inherently FR fiber due to actual structure of the fiber itself; therefore fabrics made of modacrylic fiber have lifetime guarantees.

Our state-of-the-art modacrylic fiber Armora offers unparalleled solutions for any sector where safety is a priority. Durable without sacrificing comfort, Armora is the choice of industry professionals when it comes to protective clothing, thanks to its resistance to flames and harsh chemicals. Versatile products can be designed by blending our self-extinguishing FR fibers, with the option to combine them with non-FR fibers as well.



Adds flame retardancy to fabrics when combined with non-FR cellulosic fibers



UV protection higher than other FR fibers



Protective clothing made to withstand several laundry cycles



Cost effective protection



## What Makes armora Unique?

### Everlasting Colors

Thanks to Aksa's decades of dope dyeing experience, Armora Everlasting Colors emerged with remarkable durability. Even at high temperatures, colors remain vivid wash after wash, making them the ideal choice for industrial laundry programmes. In line with our focus on sustainability, Armora fibers are notable as one of the environmental friendly fibers on the market, consuming as much as 92% less water during the dyeing process.

### High Visibility Solutions

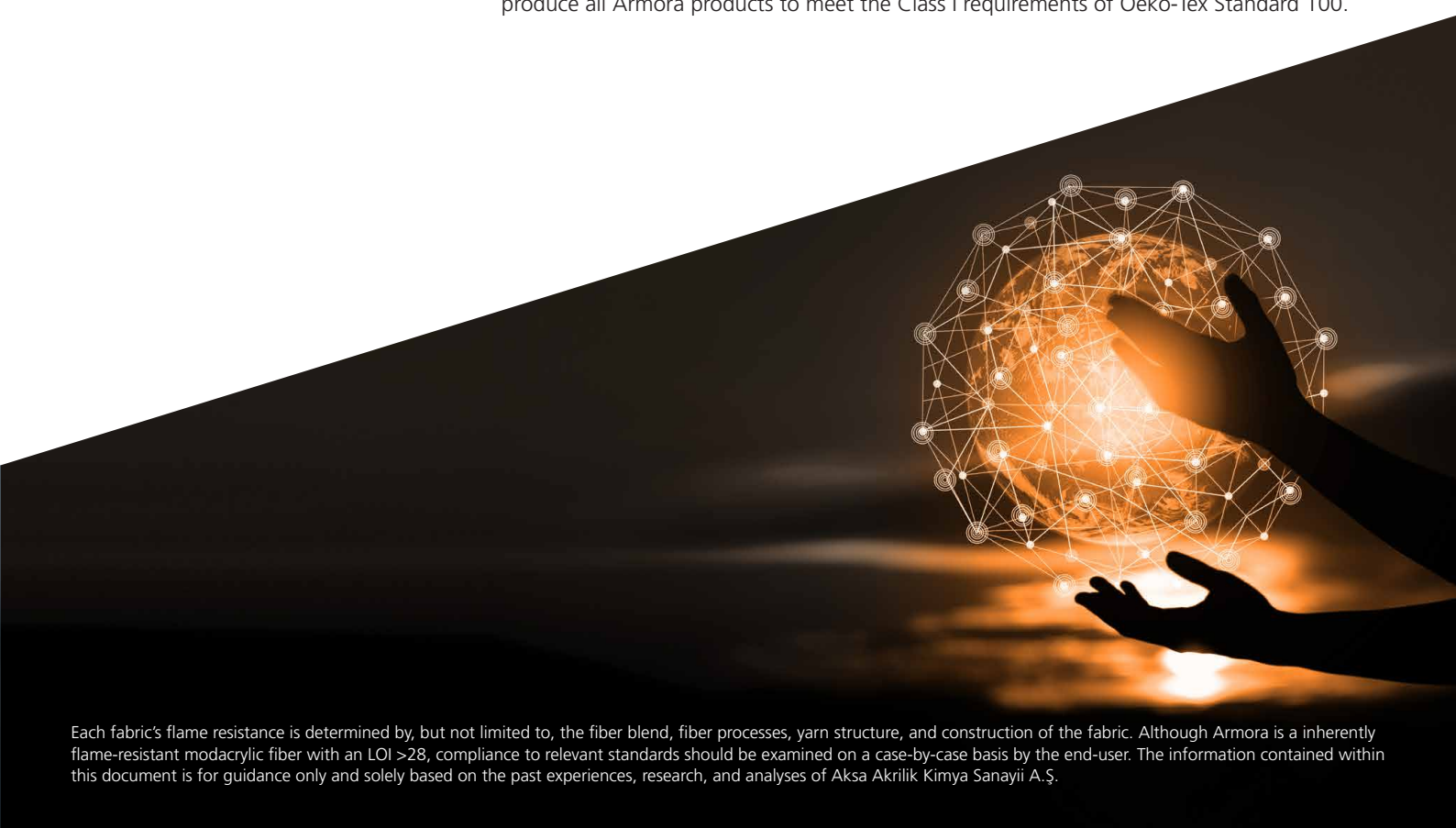
Be seen and be safe... Armora's HiVis Yellow is ISO 20471 and ANSI 107-compliant, making it the best solution to meet the required standards of today's applications. With Armora HiVis Yellow, one dyeing process is all that is needed to successfully produce modacrylic/cellulosic fabrics with high visibility. The long-anticipated Armora HiVis Extra range of products, currently in development, will meet the standards mentioned above by foregoing the dyeing of cellulosic fibers altogether. At present, this solution is applied to 70% Armora / 30% cellulosic blends. Stay tuned...

### Improved Arc Protection

Arc protection is a hot topic in protective clothing. Armora's innovative approach brings reliable solutions to the sector. Exceptional arc rating values are now possible using the correct Armora fiber type and fabric construction.

### Oeko – Tex Certificate

Sustainability fuels our motivation. The environment and well-being of humanity are our primary focus, leading us to produce all Armora products to meet the Class I requirements of Oeko-Tex Standard 100.



Each fabric's flame resistance is determined by, but not limited to, the fiber blend, fiber processes, yarn structure, and construction of the fabric. Although Armora is a inherently flame-resistant modacrylic fiber with an LOI >28, compliance to relevant standards should be examined on a case-by-case basis by the end-user. The information contained within this document is for guidance only and solely based on the past experiences, research, and analyses of Aksa Akrilik Kimya Sanayii A.Ş.