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DuPont™ Kevlar®
5401 Jefferson Davis Highway
VA 23234 Richmond
United States

Tel: +1 800 931 3456
http://www.dupont.com/Kevlar/en_US
afscdt@usa.dupont.com

Kevlar

Kevlar is an aromatic polyamide. The chemical composition of Kevlar is poly

para−phenyleneterephthalamide, Aramids belong to the family of nylons, such as nylon 6,6, do not have very good structural properties, so the para−aramid distinction is important. The aramid ring gives Kevlar thermal stability,
while the para structure gives it high strength and modulus. Like nylons, Kevlar filaments are made by extruding the precursor through a spinneret.
The Kevlar precursor is very stable both chemically and thermally. Today, there are three grades of Kevlar available: Kevlar 29, Kevlar 49, and Kevlar 149. Kevlar® brand fiber is an innovative technology from DuPont that combines high strength with light weight to help dramatically improve the performance of a variety of consumer and industrial products.

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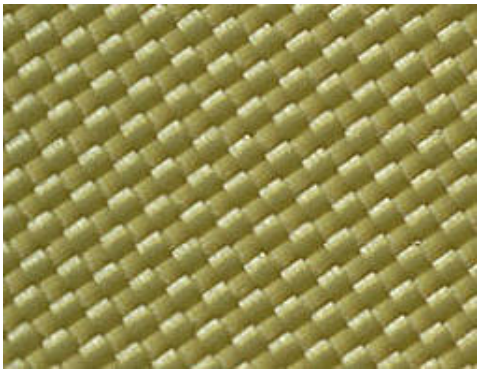
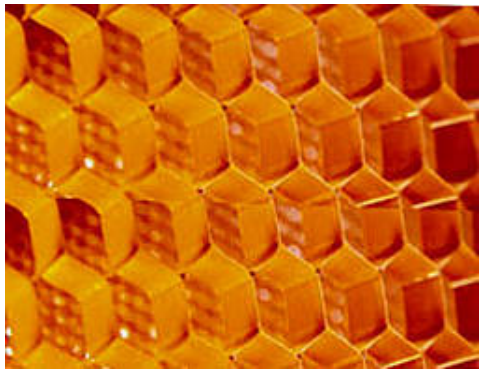
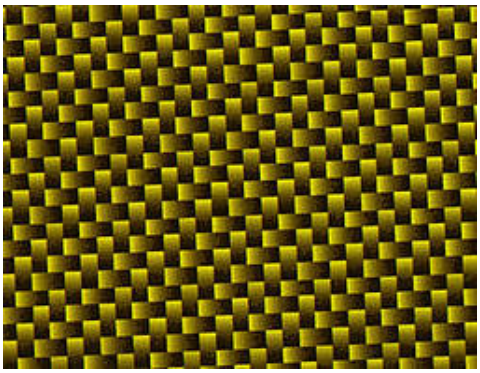

Material	Sensorial		Technical	
Plastics	Glossiness	*Satin*	Fire resistance	*Strong*
Country of origin	Translucence	*0 %*	UV Resistance	*Good*
United States	Structure	*Closed*	Weather resistance	*Good*
	Texture	*Smooth*	Scratch resistance	*Moderate*
Product code	Hardness	*Hard*	Weight	*Light*
PLA273	Temperature	*Medium*	Chemical resistance	*Good*
	Acoustics	*Moderate*	Renewable	*No*
	Odeur	*None*		

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