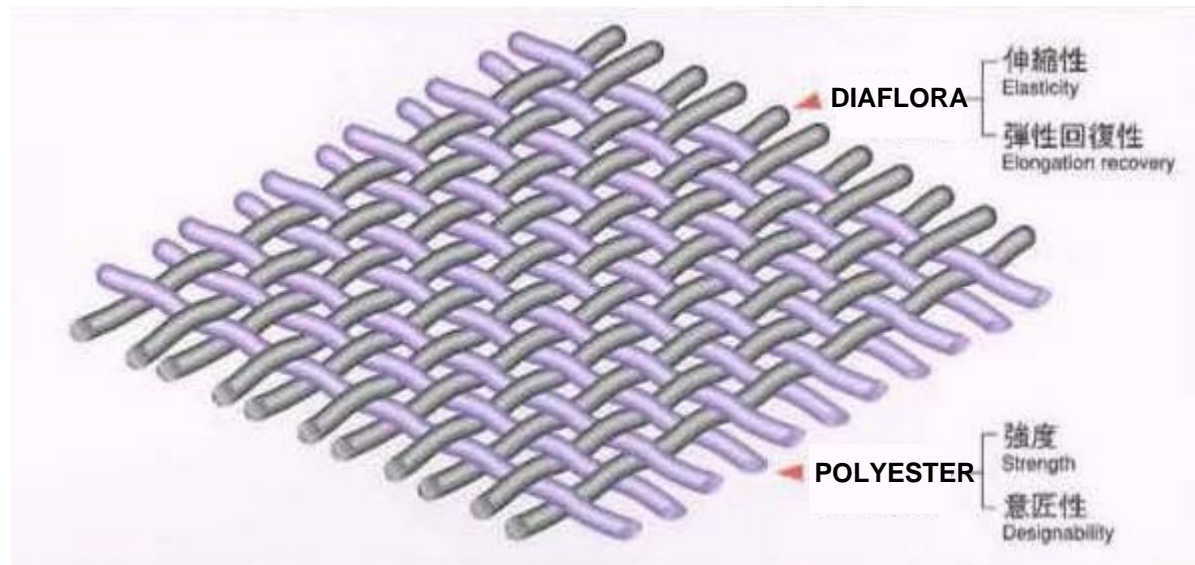


Overview

Elastic Thread DIAFLORA™

- Optimum rigidity and superior elongation recovery.
- Thick glossy finish available in shades ranging from milky white to black
- No yield point with excellent linear elasticity.
- Excellent adhesion with VYLOPET™
- By combining with other materials, it is possible to design fabrics with new functions that combine the strengths of both materials.
- DIAFLORA™ has three functions : skin material, padding material and core material.
- Can make sheets that are lightweight and have excellent breathability.
- By combining threads and weaving/knitting, it offers versatility of design for seating



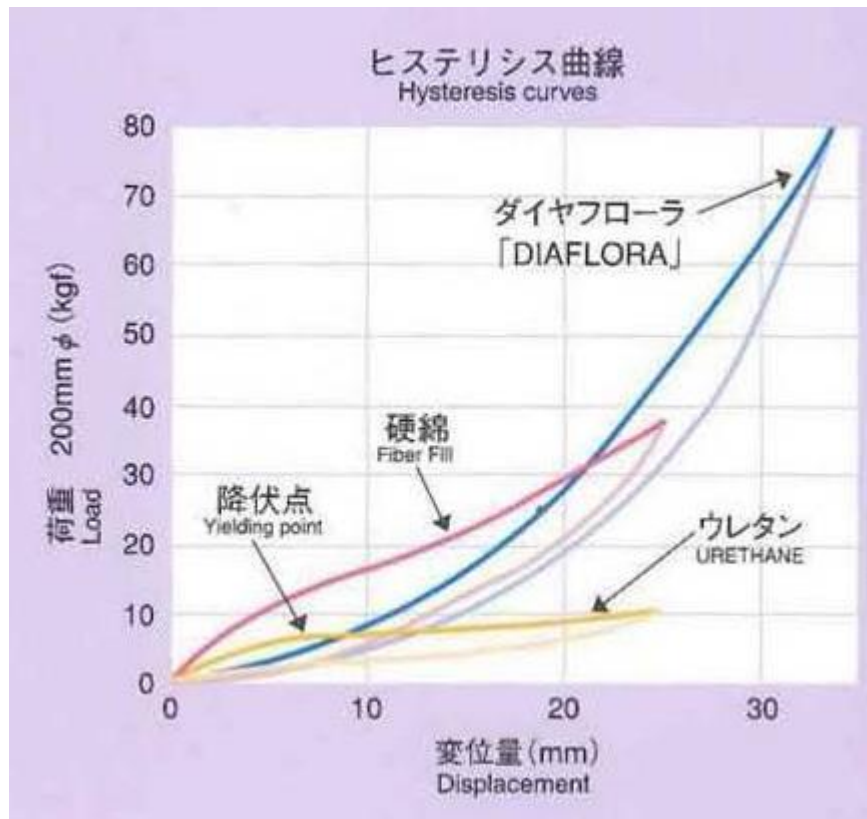
Specifications and Performance

Main Grades

		Fineness (dtex)	Tensile Strength (cN/dtex)	Tensile Elongation (%)	Tensile Strength-10% (cN/dtex)	SHD(Drying Shrinkage) @150°C×30min (%)
Multilayer type (Core-sheath type)	AD2080B	2080	2.2	100	0.61	16
	BD2080B	2080	2.2	100	0.41	20
	BD2080M	2080	2.2	110	0.41	20
	BD0500B	500	2.6	90	0.43	20
	BD0500M	500	2.6	90	0.43	20
	CD2080M	2080	2.3	110	0.32	25
	CD1200B	1200	2.2	90	0.28	17
	CD1200M	1200	2.4	80	0.28	18
	CD1000B	1000	2.4	90	0.32	20
	CD0500B	500	2.5	100	0.32	16
	CD0500M	500	2.8	90	0.32	25
Monolayer type	CS2560B	2560	1.9	85	0.35	24
	CS2560M	2560	2	85	0.35	24
	CS0330B	330	2.8	75	0.38	13
	CS0330M	330	2.8	85	0.38	14

Displacement/Load Characteristics

DIAFLORA™ does not have a yield point, unlike polyurethane.



Notes

Disclaimer

- All of the property data is based on natural color or general black. Data may vary depending on color.
- All information in this technical data sheet is based on the experiences of TOYOBO MC Corporation.
- These information may vary depending on mold condition and application.
- There may also be laws and regulations depending on intended use. Please be careful of this things when using this product.
- If this material is to be used for medical, military, or food contact applications, or if it is to be used in a product where a defect in the product is likely to result in death, bodily harm, or substantial property damage, please contact us separately beforehand.
- Export of our materials and products using our materials must comply with the Foreign Exchange and Foreign Trade Law and other relevant laws and regulations.
- Chemical substances used in this material may be regulated by laws and regulations related to chemical substances in each country, and separate applications may be required or import/export may not be allowed. If you are an importer or exporter of this material, please inquire about compliance with regulations in the relevant country.
- The information of this document is based on materials, methods and data available at the time of document preparation. Please note that the information is subject to revision without prior notice based on subsequent findings.