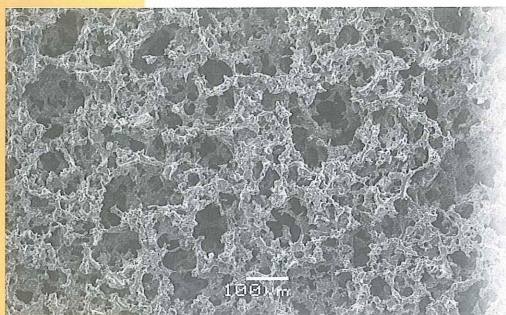
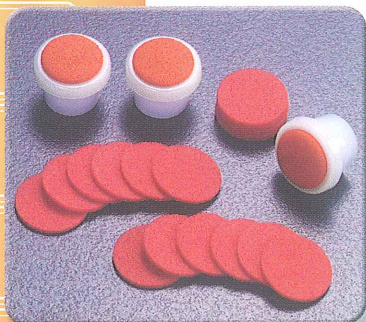


TECHNOPOROUS® Block



TECHNOPOROUS Block is uniformity and high porosity (low apparent density) featuring continuous micro-porous polyurethane foam based on our original unique manufacturing technology. From its inherent softness and hand, TECHNOPOROUS Block is widely utilized for many uses such as Cosmetic Puffs, Eye Shadow Tips and Liquid Medicine Coating Foam to the skin. Even in High-Tech industry, taking advantages of scratch-free, large absorption capacity of water/oil, no self-generation of particles, TECHNOPOROUS Block is also usable in extensive fields, for example, Wipers, Cushion Sheets, Spacers and so on.

The general properties, e.g. apparent density, elongation, hardness and pore size of TECHNOPOROUS Block are controllable as per requirements in each use, and TECHNOPOROUS Block is sliced and press-cut into any shape and size to order. Moreover, we are working on the development of a value-added sponge by kneading a variety of materials.



General Properties

1. For Cosmetic Puffs

		SOFT ↔		HARD	
Apparent Density	g/cm ³	0.13	0.12	0.15	0.16
Porosity	%	88	89	86	85
Average Pore size	μm	200	250	200	100
Tensile Strength	N/cm ²	22	15	19	21
Elongation	%	330	320	360	250
Hardness	ASKER F	35	40	50	55

2. For Eye Shadow Tips

Product Item	Cream	Black	
Apparent Density	g/cm ³	0.15	0.19
Porosity	%	86	83
Average Pore size	μm	250	250
Tensile Strength	N/cm ²	22	24
Elongation	%	320	400
Hardness	ASKER F	56	56

3. For Other Uses (For High-Tech Industry)

		SOFT ↔		HARD	
Apparent Density	g/cm ³	0.13	0.16	0.21	0.22
Porosity	%	88	85	81	80
Average Pore size	μm	300	250	150	400
Tensile Strength	N/cm ²	22	50	170	78
Elongation	%	330	300	260	170
Hardness	ASKER F	40	75	88	88
Application Example		Cushion Sheet and Wiper	Liquid Coating		Head Rubber

Hardness is measured in thickness 8mm, ambient temperature 25 °C.

Standard Size

630mm(L)×280mm(W)×24mm(H)

Thickness: TECHNOPOROUS Block can be sliced to be at the minimum 1~1.5mm

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