



Technical Bulletin

IPA Absorbent MD-300 & MD-3

Description: MD-300 & MD-3 is opened cell type polyethylene foam. It has the good IPA (Isopropyl Alcohol) absorbency and durability compared with current hydrophilic PU foam.

1. Good durability for IPA when saturated
2. Very soft due to opened cell structure
3. Good application for IPA absorbent pad and wipe

	MD-300	MD-3
<u>Physical Properties</u>		
Density , kg/m ³ (pcf)	30 (1.8)	29.0 (1.8)
Hardness, kPa 25%	4.0	-
Tensile Strength, kPa	98	210
Elongation, %	140	-
<u>IPA Absorption</u>		
Wicking Rate, sec	1	1
Absorption, times	17	16
Expansion, %	3	3
<u>ISO 10993 Biocompatibility</u>		
Agar Diffusion Test	Testing	Testing
L929 MEM Elution Test	Testing	Testing
Intracutaneous Injection Test	Testing	Testing
Kligman Maximization Test	Testing	Testing
<u>Color</u>	White	White
<u>Shape</u>	Short bun, Sheet	Roll goods

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