Technical Data Sheet:

Heat-resistant Nonwoven

WISEPAC
Creating Live Desiccant

Material name: Heat-resistant Nonwoven

Description: An ultimate performance packaging material for desiccant which allows excellent moisture penetration and easy regeneration.

1) Strength close to woven fabric (in particular, warp and weft have excellent balance)
2) Especially superior dimensional stability.
3) Heat insulation, and permeability of air and moisuture
4) No fraying even when cut.
5) Smooth surface makes it ideally suitable for printing.

Chemical Composition:

Polyethylene Terephthalate	70%	25038-59-9 (CAS No.)
Polypropylene	30%	9003-07-0

Specification:

Measurement Item	Unit	Model 40	Model 70
Weight	g/m2	40$\pm$8	70 +12/-8
Thickness	mm	0.12$\pm$0.04	0.15$\pm$0.04
Tensile Strength: MD(Warp)	N/5cm	50	100
Tensile Strength: CD(Weft)	N/5cm	50	100
Tear Strength: MD(Warp)	N	30	50
Tear Strength: CD(Weft)	N	30	50

Melt Point: 230℃
Autoignition Point: ≤230℃
Flash Point: 400℃

Applications: Heat-resistant nonwoven (Model 40, Model 70) suit a vast array of application including packaging material, automobiles, interior furnishings etc. It can applied for regenerative desiccant packaging for its heat-resistant and excellent moisture penetration properties.

Handling & Storage Avoiding friction with substances having tendency to cause ESD(ElectroStatic Discharge). Store the material in cool, dry and well-ventilated areas.

Notes: Any details of application possibilities do not free the purchaser from the obligation of performing his own tests on the material supplied by the seller in order to determine their suitability for the intended processes and purposes. Application, use and processing of the material cannot be controlled by the seller and are thus the sole responsibility of the purchaser.