



Ammonia Water Barrier Property of "SoarnoL™"

Ammonia water barrier property of "SoarnoL™" is shown in the following.

(1) Test Method

Procedure: 1) Infuse a pouch with 100ml of 25% Ammonia water or distilled water(as reference)

2) Measure weight decreace with time at the condition of 20deg C,65%RH

Sample: Pouch made of monolayer or multilayer film consisting of Soarnol (Surface area:433cm²)

Film	Thickness (µm)	
Monolayer film (Soarnol 32mol%)	30	
Monolayer film (Soarnol 44mol%)	30	
PP/Soarnol 32mol%/PP	30 / 40 / 30	

(2) Result

Sample	Permeability (g 100µm / m²day)	
	Ammonia water	distilled water(ref.)
Soarnol 32mol%-Monolayer Pouch	20	25
Soarnol 44mol%-Monolayer Pouch	3.0	2.4
Soarnol 32mol%-Multilayer Pouch	2.4	0.4

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