

■ Introduction

APS #347 is designed to provide excellent water absorbency to PS foam trays which are widely used for food packaging. It is the advantage of APS #347 that it can be applicable to most of the existing PS foam production lines and shows good dispersion regardless of the machine status.

■ General Description

Product Name	Absorbent M/B	Grade No.	APS #347
Main Use	For PS Foam Products	Application	PS

■ Composition

Item	CAS No.	Contents (%)
Polystyrene	9003-53-6	56%
Water Absorbent Agent	85711-69-9	22%
Talc	14802-01-7	18%
Others	-	4%
Total		100%

■ Physical Properties

Article	Physical Property	Remark
Melting Point	150~180°C	
Melt Flow Rate	40~50g/10min	
Specific Gravity	1.15~1.20	
Moisture Content	below 0.1%	
Mean Particle Size	3 x 4 mm	
Particle Form	Pellet	
Recommended Dosage	5~6%	

■ Method of Use

APS #347 shall be mixed with PS resin and other additives in high speed mixer from the beginning and then put in to the PS foam extruder.

■ Packing & Storage

APS #347 shall be packed in 25kg bags.
It should be stored in a cool and dry place.
Please avoid a direct sunlight.

Note : Although the above information is given in good faith and the best of our knowledge, no guarantees with regard to the performance of the final product are given or implied.