

#917 of 101(Hansol Central Park 1st, Hogye-Dong), 217 Pyeongchon-Daero,  
 Dongan-Gu, Anyang-Si 431-779, Gyeonggi-Do, Korea. E-mail : jclee2864@korea.com  
 Tel : 82-31-384-2863/4, Fax : 82-31-384-2866, Mobile : 82-10-7311-2864  
 Web Site : www.korexim.com

## Masterbatches for Foam

### ● Applications

- PE Non-Crosslinking Foam
- PS Foam
- XPS Foam
- EVA Foam
- PE Crosslinking Foam
- PS Profile Extrusion Foam
- PP Foam
- TPU Foam

### ● Recommended Masterbatches

- Absorbent M/B
- Anti build-up M/B
- Cell Control M/B
- Fine Cell Agent
- Flame Retardant M/B
- Color M/B
- Nucleating Agent (Talc M/B)
- Antimicrobial M/B
- Contraction-proof M/B
- Foam M/B
- Hydrocell M/B for PE Foam

※ PS films for laminating are available.

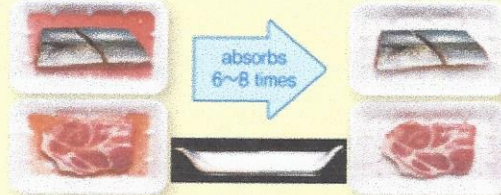


### ● Nucleating Agents for PS Foam

Grade	Cell Size	Features & Applications
#472	Ultra Fine	for luxury food containers – Sushi Boxes, Noodle Bowls, Egg Trays
#462-1	Very Fine	for high quality–thin food containers with toughness – Sushi Boxes, Hamburger Boxes
#462-J	Very Fine	for excellent secondary foaming with thin & fine cell products – Lunch Boxes
#453-S	Fine	for normal trays & containers – Noodle/Meat Containers, Hamburger/Lunch Boxes
#456-2	Medium	for deep drawing bowls/cups with high strength – Noodle Bowls, Sign Boards
#477-C	Medium–Large	for very deep drawing products with good elongation – Noodle Cups/Bowls
#462-E	Large	for high strength & high foam XPS products – XPS Boards, Big Dishes

### ● PS Foam Absorbent Masterbatch

PS foam absorbent tray absorbs the meat/fish juice more than 6 times of its own weight, which is generated from the frozen meat/fishes while displayed/kept in the refrigerators or showcases. This tray is helpful to keep the freshness of foods for longer period and also good for hygiene.



#### <Grade per Concentration>

Grade	Recom. Dosage	Remarks
347-G	5%	normal
351-G	4%	a little concentrated
353-G	3%	concentrated
354-G	2%	highly concentrated

#### ※ Patents



#### <Patents>

- KOREA #10-0862273 (2008)
- EU #2289994 (2012)
- RUSSIA #2472819 (2013)
- CHINA #1422404 (2014)
- INDIA #279777 (2017)

#### ※ SGS Test Report



#### <SGS Test Reports>

- Food Contact #F690101/LF-CTSAYAA18-20921
- Reach Registration #F690101/LF-CTSAYAA18-20044
- RoHS #F690101/LF-CTSAYAA18-20045

#### <Awards>

- KITECH President Prize in KOREA STAR AWARDS 2011
- Gold Prize in Korea Invention Patent Exhibition 2012

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## Masterbatches for Pipes & Extrusion

### Applications

- Waterworks
- Conduit Tubes
- Civil Works Pipes
- Coating Pipes for Gas, Oil and Water
- Sewerage
- Gas Pipes
- Marine Structure

### Recommended Masterbatches

- Cleaning M/B
- Foam M/B
- Silicone M/B
- UV/Light Stabilizing M/B
- Dehumidifying M/B
- Flame Retardant M/B
- Surface Improvement M/B



Silicone coated CO2 Tubes



Fiber-Optic Cables



Foam M/B



Flame Retardant M/B

## Masterbatches for Films

### Applications

PE Blown Films for

- Packaging
- Agricultural
- Protection
- Foaming
- Laminating
- Contractile
- Industrial Uses
- Heavy Duty Packaging

PE Cast Films for

- Laminating
- Wrapping
- Back Sheet

### Recommended Masterbatches

- Antiblock M/B
- Antifog M/B
- Antistatic M/B
- Cleaning M/B
- Dehumidifying M/B
- Easy Peel Compound
- Foam M/B
- Hi-Transparent Antiblock M/B
- Matting M/B
- Perfume M/B
- Silicone M/B
- Surface Improvement M/B
- UV/Light Stabilizing M/B
- Anti build-up M/B
- Antimicrobial M/B
- Biodegradable M/B
- Conductive M/B
- Easy Cut M/B
- Flame Retardant M/B
- Gas Adsorption M/B
- Infrared Rays Block M/B
- Metal Adhesive Resin (Fe, Al)
- PP Transparent M/B
- Slip M/B
- UV Absorption M/B
- VCI M/B



PS Foam Films



PP Foam Films



Antifog M/B



Antistatic M/B



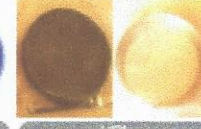
Antiblock M/B



Dehumidifying M/B



Antimicrobial M/B



VCI



Matting M/B



Non-Messy M/B