

POLYSTYRENE AND DAIRY PACKAGING:

A WINNING COMBINATION!

Polystyrene is THE ideal material to package dairy products. Decades of expertise have gone into perfecting polystyrene as a packaging material for dairy products, which is why almost all production installations in the dairy market today are designed for polystyrene.

Polystyrene is recyclable, easier, faster and more cost-efficient to process than other polymers. No wonder it is the most popular choice for packaging dairy products – be it yoghurt, butter, buttermilk, coffee creamer, ice cream, cheese, and more.



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POLYSTYRENE IS RECYCLABLE



Polystyrene has outstanding recyclability and can be recycled using several technologies including mechanical recycling, depolymerisation, dissolution as well as other advanced recycling technologies such as gasification and pyrolysis. What's more: it retains all its fantastic properties including meeting food-contact regulations even after being recycled.

POLYSTYRENE HAS EXCELLENT PROPERTIES

With polystyrene, you get more value for money. Less polystyrene material is needed to obtain same degree of strength and stiffness, in comparison to other polymers. In addition, oriented polystyrene and injection-moulded polystyrene offer a high level of transparency.



3

POLYSTYRENE IS EASIER TO PROCESS

Polystyrene's intrinsic properties make it an ideal material for processing. Due to its amorphous structure, it offers a large processing window for extrusion as well as thermoforming. This means that the temperature and speed settings can vary during production. So there is less chance of regrind or waste when compared to other polymers. In addition, polystyrene can withstand several processing cycles while maintaining outstanding mechanical properties.



POLYSTYRENE IS FASTER TO PROCESS

Polystyrene has a 20% to 30% faster processing speed than all other polymers, particularly with the sophisticated, multifunctional form-fill-seal (FFS) machines. It can be rapidly moulded into its final shape. In addition, polystyrene doesn't need to be pre-dried. Contrary to other polymers, no special machinery, energy, time and money is needed for this step.



5

POLYSTYRENE HAS GOOD CO₂ PERMEABILITY

Polystyrene packaging allows for carbon dioxide (CO₂) to be released, making it the ideal choice for dairy products such as buttermilk, which still produce CO₂ after being packaged.



POLYSTYRENE IS THE IDEAL CHOICE FOR MULTI-PACK YOGHURT POTS

One of the biggest selling points of polystyrene multi-pack dairy products is its portionability. It is the only packaging material that can be snapped off easily into smaller units.



POLYSTYRENE FOR DAIRY PACKAGING: NEVER CHANGE A WINNING COMBINATION!