PRODUCT BULLETIN: ZYLAR® & CLEARBLEND® MBS

PRODUCT DESCRIPTION

- Transparent polymers delivering a good balance of properties to serve a wide variety of applications
- Zylar® products are fully compounded MBS pellets with higher impact performance
- Clearblend® products are cost-effective salt and pepper blends of styrene-methyl methacrylate (SMMA) copolymer and butadiene based impact modifier

KEY PROPERTIES

- Glass-like clarity with practical toughness
- Easy to process at low melt temperatures and no need to dry before processing
- Low specific gravity for cost-effective lightweight parts
- Chemically resistant to alcohol, foods, and cleaning solutions
- Grades to meet USP Class VI and FDA compliance for medical and food contact applications
- Excellent property retention and low yellowing after gamma and ETO sterilization
- Not for use in outdoor applications
- Not for use in applications exposed to 200°F or higher temperatures

MARKETS & APPLICATIONS

- Packaging
  - Cosmetics
  - Food jars & storage
  - Caps & closures
- Toys, sports & leisure
  - Toy parts
  - Office/ hobby organizers
  - Tackle boxes
- Household appliances/
  - Blender jars
  - Floor care fluid tanks
  - Crisper drawers
  - Pen/ pencil barrels
  - Razor handles
  - Reusable drinkware
  - Towel/ tissue dispensers
- Healthcare
  - Blood filter canisters/ bowls
  - Respiratory components
  - Urine meters
  - Yankauer tubes
  - Tubing connectors/ fittings

ADVANTAGES FOR OEMS & PROCESSORS

<table>
<thead>
<tr>
<th>Category</th>
<th>Zylar®/ Clearblend® feature</th>
<th>Benefits to OEMs &amp; processors</th>
</tr>
</thead>
</table>
| Material cost | • Lower material cost  
• Lower specific gravity | • Better profit margins  
• Less inventory/ More parts per pound |
| Processing    | • Lower melt temperature  
• Shorter cycle times  
• No drying required | • Lower utility cost  
• Higher production rates  
• Better operational efficiency |
| Part performance | • Better chemical resistance  
• Color stable after gamma irradiation | • Less part failures & warranty claims  
• Improved brand image |

INEOS Styrolution America LLC
ineos-styrolution.com
4245 Meridian Parkway, Suite 151
Aurora, IL 60504
USA

Infopoint Americas
INSTY.americas@ineos.com
+1 866 890 6354