PRODUCT BULLETIN
ZYLAR® & CLEARBLEND®
MBS

M CLARITY
Methyl Methacrylate

B TOUGHNESS
Butadiene

S EASY PROCESSING
Styrene
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
• Scratch resistance
• Dishwasher resistance

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>
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</thead>
<tbody>
<tr>
<td>Material cost</td>
<td>• Lower material cost&lt;br&gt;• Lower specific gravity</td>
<td>• Better profit margins&lt;br&gt;• Less inventory/ More parts per pound</td>
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<tr>
<td>Processing</td>
<td>• Lower melt temperature&lt;br&gt;• Shorter cycle times&lt;br&gt;• No drying required</td>
<td>• Lower utility cost&lt;br&gt;• Higher production rates&lt;br&gt;• Better operational efficiency</td>
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<tr>
<td>Part performance</td>
<td>• Better chemical resistance&lt;br&gt;• Color stable after gamma irradiation</td>
<td>• Less part failures &amp; warranty claims&lt;br&gt;• Improved brand image</td>
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