



Westlake PVC 8268

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

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General Information

Product Description

AXIALL's Georgia Gulf 8268 is a rigid PVC pellet compound suited for applications where transparency is important. It is widely used for clear profiles such as furniture trim, shower doors, and protected jalousie windows. High impact vacuum formed sheet applications are also filled with 8268. Twin screw machines may be used to convert Georgia Gulf 8268. 8268 is characterized by excellent physical properties and easy processing. It contains U.V. inhibitor to retard deterioration. It is available in fiberboard boxes, railroad bulk hopper cars or bulk truckloads. Technical assistance is available on request.

General

| | |
|-------------------|--------------------------------------|
| Material Status | • Commercial: Active |
| Availability | • North America |
| Additive | • UV Stabilizer |
| Features | • Good Processability • High Clarity |
| Uses | • Furniture • Profiles • Sheet |
| Appearance | • Clear/Transparent |
| Processing Method | • Extrusion |

ASTM & ISO Properties¹

| Physical | Nominal Value | Unit | Test Method |
|----------------------------------------------------------|---------------|-------------------|-------------|
| Density / Specific Gravity | 1.32 | g/cm ³ | ASTM D792 |
| PVC Cell Classification | 14444333 | | ASTM D4216 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2620 | MPa | ASTM D638 |
| Tensile Strength (Yield) | 44.8 | MPa | ASTM D638 |
| Flexural Modulus | 2620 | MPa | ASTM D790 |
| Flexural Strength | 81.4 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, 3.18 mm) | 640 | J/m | ASTM D256 |
| Tensile Impact Strength | 187 | kJ/m ² | ASTM D1822 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 112 | | ASTM D785 |
| Durometer Hardness (Shore D) | 79 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load 1.8 MPa, Unannealed | 72.2 | °C | ASTM D648 |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | V-0 | | UL 94 |

Notes

¹ Typical properties: these are not to be construed as specifications.