

AuroraFlex™ G-3473SL

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A flexible PVC compound designed for extrusion profile applications that require improved abrasion resistance and toughness. This compound is specially formulated with an additive package designed to yield parts with lower Coefficient of friction properties and significantly better wear resistance over prolonged periods of time. Typical applications include gaskets, bulb seals, and door sweeps.

This product can be coextruded to Rigid PVC without sacrificing bond strength.

General

| | | | |
|-------------------|--|--------------------------------------|---------------------|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East • Asia Pacific | • Europe • Latin America | • North America |
| Additive | • Unspecified Additive | | |
| Features | • Abrasion Resistant • Good Flexibility | • Good Toughness • Wear Resistant | |
| Uses | • Gaskets | • Profiles | • Seals |
| Processing Method | • Coextrusion | • Extrusion | • Profile Extrusion |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|-------------------------------|---------------|--------|-------------|
| Density / Specific Gravity | 1.26 to 1.32 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Taber Abrasion Resistance | | | ASTM D4060 |
| 1000 Cycles ² | 0.400 | mg | |
| 1000 Cycles ³ | 7.50 | mg | |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Strength | 2200 | psi | ASTM D412 |
| Tensile Elongation (Break) | 400 | % | ASTM D412 |
| Tear Strength | 234 | lbf/in | ASTM D624 |
| Compression Set (73°F, 22 hr) | 18 | % | ASTM D395 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 67 to 73 | | ASTM D2240 |

Notes

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

² 3473SL

³ 3473 standard

