

AuroraFlex™ 1804250A

Aurora Material Solutions, LLC - *Thermoplastic Elastomer*

General Information

Product Description

A PVC/TPE based compound with good rubber like resilient properties designed for general purpose extrusion and molding application.

Note: Additional custom color matching is available upon request.

General

| | | | |
|-------------------|------------------------|---------------------|-----------------|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East | • Europe | • North America |
| | • Asia Pacific | • Latin America | |
| Features | • General Purpose | • Resilient | |
| Uses | • General Purpose | | |
| Appearance | • Colors Available | | |
| Processing Method | • Extrusion | • Injection Molding | |

Properties¹

| Physical | Nominal Value | Unit | Test Method |
|--------------------------------------|---------------|------|-------------|
| Density / Specific Gravity | 1.18 to 1.24 | | ASTM D792 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 1200 | psi | ASTM D412 |
| Tensile Elongation (Break) | 440 | % | ASTM D412 |
| Compression Set (73°F, 22 hr) | 19 | % | ASTM D395 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 47 to 53 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -65.2 | °F | ASTM D746 |

Notes

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

