

## AuroraTec™ RR 6604 Black

Aurora Material Solutions, LLC - Polyvinyl Chloride

### General Information

#### Product Description

Rigid profile PVC compound, high impact, suitable for twin screw extrusion. Available with additional UV stabilizer.

Window profile, impact resistant, complex profile.

Made in Canada

#### General

|                   |                                          |                             |                 |
|-------------------|------------------------------------------|-----------------------------|-----------------|
| Material Status   | • Commercial: Active                     |                             |                 |
| Availability      | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America |
| Features          | • Good Rigidity                          | • High Impact Resistance    |                 |
| Uses              | • Profiles                               |                             |                 |
| Appearance        | • Black                                  |                             |                 |
| Forms             | • Pellets                                |                             |                 |
| Processing Method | • Extrusion                              |                             |                 |

### Properties <sup>1</sup>

| Physical                                              | Nominal Value | Unit     | Test Method |
|-------------------------------------------------------|---------------|----------|-------------|
| Density / Specific Gravity                            | 1.36          |          | ASTM D792   |
| Mechanical                                            | Nominal Value | Unit     | Test Method |
| Tensile Modulus                                       | 400000        | psi      | ASTM D638   |
| Tensile Strength                                      | 6240          | psi      | ASTM D638   |
| Flexural Modulus                                      | 385000        | psi      | ASTM D790   |
| Flexural Strength                                     | 11000         | psi      | ASTM D790   |
| Impact                                                | Nominal Value | Unit     | Test Method |
| Notched Izod Impact (73°F, 0.126 in)                  | 7.0           | ft·lb/in | ASTM D256   |
| Hardness                                              | Nominal Value | Unit     | Test Method |
| Durometer Hardness (Shore D, 15 sec)                  | 79            |          | ASTM D2240  |
| Thermal                                               | Nominal Value | Unit     | Test Method |
| Deflection Temperature Under Load (264 psi, Annealed) | 164           | °F       | ASTM D648   |

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

