

# Axiall PVC 8266 Natural

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Axiall PVC 8266 Natural is a Rigid Polyvinyl Chloride material. It is available in North America.

| General Information               |               |                   |             |
|-----------------------------------|---------------|-------------------|-------------|
| Appearance                        | Natural Color |                   |             |
| Physical                          | Nominal Value | Unit              | Test Method |
| Specific Gravity                  | 1.37          | g/cm <sup>3</sup> | ASTM D792   |
| PVC Cell Classification           | 13253         |                   | ASTM D1784  |
| Hardness                          | Nominal Value | Unit              | Test Method |
| Rockwell Hardness (R-Scale)       | 90            |                   | ASTM D785   |
| Durometer Hardness (Shore D)      | 78            |                   | ASTM D2240  |
| Mechanical                        | Nominal Value | Unit              | Test Method |
| Tensile Modulus                   | 2830          | MPa               | ASTM D638   |
| Tensile Strength                  | 39.4          | MPa               | ASTM D638   |
| Flexural Modulus                  | 2610          | MPa               | ASTM D790   |
| Flexural Strength                 | 74.5          | MPa               | ASTM D790   |
| Impact                            | Nominal Value | Unit              | Test Method |
| Notched Izod Impact               |               |                   | ASTM D256   |
| 3.18 mm                           | 190           | J/m               |             |
| 6.35 mm                           | 140           | J/m               |             |
| Tensile Impact Strength           | 116           | kJ/m <sup>2</sup> | ASTM D1822  |
| Thermal                           | Nominal Value | Unit              | Test Method |
| Deflection Temperature Under Load |               |                   | ASTM D648   |
| 1.8 MPa, Unannealed               | 60.0          | °C                |             |
| 1.8 MPa, Annealed                 | 67.8          | °C                |             |
| Injection                         | Nominal Value | Unit              |             |
| Processing (Melt) Temp            | 188           | °C                |             |

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