

ABS 780 Grey

ABS

Shuman Plastics, Inc.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 4 | g/10min | ASTM D 1238 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Rockwell Hardness | R 102 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 214 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| DTUL @ 264 psi | 76.1 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1040 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|--------------------|-------------|----------------------|
| Pre-drying - Temperature | 87.8 - 93.3 | °C | - |
| Pre-drying - Time | 2 - 24 | h | - |
| Melt temperature | 204 - 227 | °C | - |

| Processing Recommendation Extrusion | Value | Unit | Test Standard |
|--|--------------------|-------------|----------------------|
| Pre-drying - Temperature | 87.8 - 93.3 | °C | - |
| Pre-drying - Time | 2 - 24 | h | - |
| Melt temperature | 177 - 216 | °C | - |

Characteristics**Processing**

Injection Molding, Other Extrusion

Special Characteristics

High impact or impact modified

Delivery form

Granules

Regional Availability

North America, Europe, Asia Pacific