

Technical Data Sheet  
**INVISION™ VX 5060UI**  
Thermoplastic Vulcanizate  
Engineering Plastics



**Product Description**

TPV Partially Crosslinked EPDM Rubber

**General**

|                           |                     |
|---------------------------|---------------------|
| Automotive Specifications | • GM GMP.E/P.115    |
| Processing Method         | • Injection Molding |

| Physical                                               | Nominal Value (English) | Nominal Value (SI) | Test Method   |
|--------------------------------------------------------|-------------------------|--------------------|---------------|
| Density                                                | 0.910 g/cm³             | 0.910 g/cm³        | ISO 1183      |
| Mechanical                                             | Nominal Value (English) | Nominal Value (SI) | Test Method   |
| Tensile Stress (100% Strain)                           | 595 psi                 | 4.10 MPa           | ISO 527-2/500 |
| Elastomers                                             | Nominal Value (English) | Nominal Value (SI) | Test Method   |
| Tear Strength <sup>1</sup>                             | 140 lbf/in              | 25 kN/m            | ISO 34-1      |
| Hardness                                               | Nominal Value (English) | Nominal Value (SI) | Test Method   |
| Shore Hardness (Shore A, 15 sec)                       | 60                      | 60                 | ISO 868       |
| Fill Analysis                                          | Nominal Value (English) | Nominal Value (SI) | Test Method   |
| Melt Viscosity (392°F (200°C), 243 sec <sup>-1</sup> ) | 165 Pa·s                | 165 Pa·s           | ASTM D3835    |

**Notes**

<sup>1</sup> 20 in/min (500 mm/min)

**Notes**

These are typical property values not to be construed as specification limits.