

# INVISION™ VX 5085UIA EP

Thermoplastic Vulcanizate

A. Schulman Inc.

Message:

TPV Partially Crosslinked EPDM Rubber

| General Information                            |                         |                   |                  |
|------------------------------------------------|-------------------------|-------------------|------------------|
| Processing Method                              | Injection Molding       |                   |                  |
|                                                | Multi Injection Molding |                   |                  |
| Physical                                       | Nominal Value           | Unit              | Test Method      |
| Density                                        | 0.890                   | g/cm <sup>3</sup> | ISO 1183/A       |
| Hardness                                       | Nominal Value           | Unit              | Test Method      |
| Shore Hardness (Shore A, 15 sec, 23°C)         | 85                      |                   | ISO 868          |
| Mechanical                                     | Nominal Value           | Unit              | Test Method      |
| Tensile Stress (100% Strain, 23°C)             | 8.00                    | MPa               | ISO 527-2/1A/500 |
| Tensile Strain (Break, 23°C)                   | 600                     | %                 | ISO 527-2/1A/500 |
| Fill Analysis                                  | Nominal Value           | Unit              | Test Method      |
| Melt Viscosity (200°C, 243 sec <sup>-1</sup> ) | 100                     | Pa · s            | ASTM D3835       |

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### Susheng Import & Export Trading Co., Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

