

# DIOSHY® VP-840

Thermoplastic Vulcanizate

DIOSHY Co.,Ltd.

## Message:

DIOSHY® VP-840 is a Thermoplastic Vulcanizate (TPV) material. It is available in Asia Pacific.

| General Information                       |               |                   |             |
|-------------------------------------------|---------------|-------------------|-------------|
| Appearance                                | White         |                   |             |
| Physical                                  | Nominal Value | Unit              | Test Method |
| Density                                   | 0.947         | g/cm <sup>3</sup> | JIS K6301   |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 11            | g/10 min          | JIS K7210   |
| Hardness                                  | Nominal Value | Unit              | Test Method |
| Shore Hardness (Shore A)                  | 40            |                   | JIS K6301   |
| Elastomers                                | Nominal Value | Unit              | Test Method |
| Tensile Stress                            |               |                   | JIS K6310   |
| 100% Strain                               | 0.785         | MPa               |             |
| 300% Strain                               | 0.588         | MPa               |             |
| Tensile Strength                          | 2.45          | MPa               | JIS K6310   |
| Tensile Elongation (Break)                | 450           | %                 | JIS K6310   |
| Tear Strength                             | 13            | kN/m              | JIS K6310   |
| Compression Set (23°C, 22 hr)             | 17            | %                 | JIS K6301   |

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## Recommended distributors for this material

### 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



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