

# RABALON® SJ8400

Thermoplastic Elastomer

Mitsubishi Chemical Performance Polymers, Inc.

## Message:

RABALON® SJ8400 is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific, Europe, or North America.

| General Information                        |                                 |                   |             |
|--------------------------------------------|---------------------------------|-------------------|-------------|
| Features                                   | General Purpose                 |                   |             |
| Uses                                       | General Purpose                 |                   |             |
| Appearance                                 | Black                           |                   |             |
|                                            | Natural Color                   |                   |             |
| Physical                                   | Nominal Value                   | Unit              | Test Method |
| Density                                    | 1.10                            | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)  | 9.0                             | g/10 min          | ISO 1133    |
| Hardness                                   | Nominal Value                   | Unit              | Test Method |
| Shore Hardness (Shore A)                   | 79                              |                   | ISO 7619    |
| Elastomers                                 | Nominal Value                   | Unit              | Test Method |
| Tensile Stress (100% Strain)               | 2.50                            | MPa               | ISO 37      |
| Tensile Stress (Break)                     | 10.0                            | MPa               | ISO 37      |
| Tensile Elongation (Break)                 | 800                             | %                 | ISO 37      |
| Tear Strength                              | 35                              | kN/m              | ISO 34-1    |
| Compression Set <sup>1</sup> (70°C, 22 hr) | 55                              | %                 | ISO 815     |
| NOTE                                       |                                 |                   |             |
| 1.                                         | 6 sheets (each thickness = 2mm) |                   |             |

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## Recommended distributors for this material

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