

# Plasmer 1050DBC/8901

Thermoplastic Elastomer

HYUNDAI EP Co., Ltd.

## Message:

Plasmer 1050DBC/8901 is a Thermoplastic Elastomer (TPE) product. It is available in Asia Pacific or North America.

| General Information                       |               |                   |             |
|-------------------------------------------|---------------|-------------------|-------------|
| Physical                                  | Nominal Value | Unit              | Test Method |
| Specific Gravity                          | 0.950         | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (200°C/7.06 kg) | 30            | g/10 min          | ASTM D1238  |
| Hardness                                  | Nominal Value | Unit              | Test Method |
| Durometer Hardness (Shore D, 5 sec)       | 55            |                   | ASTM D2240  |
| Elastomers                                | Nominal Value | Unit              | Test Method |
| Tensile Stress (100% Strain)              | 12.7          | MPa               | ASTM D412   |
| Tensile Strength (Yield)                  | 19.6          | MPa               | ASTM D412   |
| Tensile Elongation (Break)                | 600           | %                 | ASTM D412   |

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