

# Shida 2520A

Thermoplastic Elastomer

JINJIANG City SHIDA Plastic Fine Co., Ltd.

Message:

Our TPE can enhance the elasticity and tenderness of products such as EVA, PE, SBS, PS, and PP during the processing. With good compatibility with EVA, it can reduce the hardness of the materials and make them more flexible and tender, EVA shooting out slippers and flat forming in particular. Hence, it upgrades shoes' rank.

| General Information                      |                      |                   |             |
|--|----------------------|-------------------|-------------|
| Uses                                     | Plastic modification |                   |             |
| Forms                                    | Particles            |                   |             |
| Physical                                 | Nominal Value        | Unit              | Test Method |
| Density                                  | 1.30                 | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (180°C/5.0 kg) | 5.5                  | g/10 min          | ISO 1133    |
| Hardness                                 | Nominal Value        | Unit              | Test Method |
| Durometer Hardness (Shore A)             | 12                   |                   | ISO 868     |
| Mechanical                               | Nominal Value        | Unit              | Test Method |
| Tensile Stress                           | 7.00                 | MPa               | ISO 527-2   |
| Tensile Strain (Break)                   | 660                  | %                 | ISO 527-2   |
| Elastomers                               | Nominal Value        | Unit              | Test Method |
| Tear Strength                            | 53                   | kN/m              | ISO 34-1    |

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