

# SILVER® SA-3154

Thermoplastic Elastomer

Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® SA—3000 elastomer is designed to over-mold and co-extrude with rigid engineering resins (such as PP, ABS, PC, PA and so on) to provide a soft touch grip feature without the use of adhesives or additional assembly steps. The over-molding products are of good handle, antislip, high impact strength and coloration.

SA—3000 Elastomer (over-molding and co-extruding grade )

Characteristics:

over-mold and co-extrude with rigid engineering resins (such as PP, ABS, PC, PA and so on)

Applications:

tool handle and coat, luggage handle, shaver handle toothbrush handle, frog shoe and so on

| General Information                      |                       |                   |             |
|--|-----------------------|-------------------|-------------|
| Features                                 | Semi Rigid            |                   |             |
| Uses                                     | Consumer Applications |                   |             |
|  | Footwear              |                   |             |
|  | Handles               |                   |             |
|  | Luggage               |                   |             |
| Appearance                               | Natural Color         |                   |             |
| Processing Method                        | Coextrusion           |                   |             |
| Physical                                 | Nominal Value         | Unit              | Test Method |
| Specific Gravity                         | 0.958                 | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/5.0 kg) | 3.0                   | g/10 min          | ASTM D1238  |
| Hardness                                 | Nominal Value         | Unit              | Test Method |
| Durometer Hardness (Shore A, 3 sec)      | 80                    |                   | ASTM D2240  |
| Mechanical                               | Nominal Value         | Unit              | Test Method |
| Tensile Strength <sup>1</sup>            | 7.50                  | MPa               | ASTM D638   |
| Tensile Elongation <sup>2</sup> (Break)  | > 500                 | %                 | ASTM D638   |
| Extrusion                                | Nominal Value         | Unit              |             |
| Melt Temperature                         | 180 to 220            | °C                |             |
| NOTE                                     |                       |                   |             |
| 1.                                       | 500 mm/min            |                   |             |
| 2.                                       | 500 mm/min            |                   |             |

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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

