

Lifoflex® UV 80 GA 1080

Styrene Ethylene Butylene Styrene Block Copolymer

ELASTO

Message:

The Lifoflex GA, GB and GC series are TPE compounds based on SEBS. They are suited to a wide variety of applications and are characterised by easy processing and high flexibility.

| General Information | | | |
|--|------------------------------------|-------------------|-------------|
| Features | Good Adhesion | | |
| | Good Flexibility | | |
| | Good Processability | | |
| | Good UV Resistance | | |
| | Recyclable Material | | |
| Uses | Closures | | |
| | Electrical/Electronic Applications | | |
| | Flexible Grips | | |
| | Household Goods | | |
| | Housings | | |
| | Packaging | | |
| | Seals | | |
| | Sporting Goods | | |
| | Toothbrush Handles | | |
| | Toys | | |
| Agency Ratings | EU 2003/11/EC | | |
| | FDA Unspecified Rating | | |
| RoHS Compliance | RoHS Compliant | | |
| Appearance | Clear/Transparent | | |
| | Colors Available | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.890 | g/cm ³ | ISO 1183 |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore A, 3 sec) | 80 | | DIN 53505 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress - Across Flow (Yield) | 11.2 | MPa | DIN 53504 |
| Tensile Elongation - Across Flow (Break) | 740 | % | DIN 53504 |

| | | |
|-----------------|----|---------|
| Compression Set | | ISO 815 |
| 23°C, 72 hr | 39 | % |
| 70°C, 24 hr | 56 | % |
| 100°C, 24 hr | 74 | % |

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