

Flextuff® S2850-00

Thermoplastic Elastomer

Noble Polymers

Message:

85 Shore A TPE

Noble Polymers Flextuff series of Thermoplastic Elastomer Compounds (TPE) offer rubber-like feel with the ease of processing and recyclability of a thermoplastic. This unique family of products are developed using the highest quality raw materials and additives to create soft feel materials in a wide range of hardness levels for both injection molding as well as extrusion processing methods.

Flextuff TPE compounds are used in applications such as grips, seals, over-molded handles and many other applications in the commercial, automotive, sports and leisure and building and construction industries.

Features Include:

Durometer (hardness) range from 25 - 90 Shore A

Available in natural, black or custom colors

Additive packages include: UV stabilization, scratch and mar resistance

Formulations for injection molding as well as profile extrusion

Customized formulations available to meet your specific need

All Flextuff products are 100% recyclable

| General Information | | | |
|---|---------------------------|-------------------|-------------|
| Features | Recyclable Material | | |
| Uses | Automotive Applications | | |
| | Construction Applications | | |
| | Flexible Grips | | |
| | Handles | | |
| | Seals | | |
| | Sporting Goods | | |
| Appearance | Black | | |
| | Colors Available | | |
| | Natural Color | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.15 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 4.0 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 85 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Strength | 7.86 | MPa | ASTM D412 |

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