

Lionpol IM-35061

Thermoplastic Elastomer

Lion Polymers Incorporated

Message:

Lionpol IM-35061 is a thermoplastic elastomer (TPE) product. It can be processed by injection molding and is available in North America.

| General Information | | | |
|---|-------------------|----------|-------------|
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 35 | g/10 min | ASTM D1238 |
| Molding Shrinkage | | | ASTM D955 |
| Flow | 1.3 - 1.4 | % | ASTM D955 |
| Transverse flow | 1.4 - 1.5 | % | ASTM D955 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 61 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (100% Strain) | 1.77 | MPa | ASTM D412 |
| Tensile Strength (Break) | 9.22 | MPa | ASTM D412 |
| Tensile Elongation (Break) | 780 | % | ASTM D412 |
| Additional Information | | | |
| Permanent Set: 11% | | | |
| Injection | Nominal Value | Unit | |
| Rear Temperature | 182 - 193 | °C | |
| Front Temperature | 199 - 210 | °C | |
| Nozzle Temperature | 216 - 221 | °C | |
| Mold Temperature | 37.8 - 60.0 | °C | |
| Back Pressure | 0.552 - 1.03 | MPa | |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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



WECHAT