

Optiflex 65A TPE

The Materials Group - *Thermoplastic Elastomer*

General Information

General

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|-------------------|--|
| Material Status | <ul style="list-style-type: none"> Commercial: Active |
| Availability | <ul style="list-style-type: none"> North America |
| Features | <ul style="list-style-type: none"> Excellent Processability |
| Forms | <ul style="list-style-type: none"> Pellets |
| Processing Method | <ul style="list-style-type: none"> Injection Molding |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|------------------------------|---------------|--------|-------------|
| Density / Specific Gravity | 1.00 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 950 | psi | ASTM D638 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Elongation (Break) | 350 | % | ASTM D412 |
| Tear Strength | 170 | lbf/in | ASTM D624 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 65 | | ASTM D2240 |

Processing Information

| Injection | Nominal Value | Unit |
|------------------------|---------------|------|
| Processing (Melt) Temp | 390 | °F |

Notes

¹ Typical properties: these are not to be construed as specifications.

