

# Maxelast® P3897

Thermoplastic Elastomer

Nantong Polymax Elastomer Technology, Co., Ltd

Message:

Maxelast® P3897 is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific, Europe, or North America.  
Typical application of Maxelast® P3897: Engineering/Industrial Parts

| General Information          |               |       |             |
|------------------------------|---------------|-------|-------------|
| Uses                         | Overmolding   |       |             |
| Physical                     | Nominal Value | Unit  | Test Method |
| Specific Gravity             | 1.07          | g/cm³ | ASTM D792   |
| Hardness                     | Nominal Value | Unit  | Test Method |
| Durometer Hardness (Shore A) | 96            |       | ASTM D2240  |
| Elastomers                   | Nominal Value | Unit  | Test Method |
| Tensile Stress               |               |       | ASTM D412   |
| 100% Strain                  | 12.9          | MPa   |             |
| 300% Strain                  | 14.1          | MPa   |             |
| Tensile Strength (Yield)     | 20.5          | MPa   | ASTM D412   |
| Tensile Elongation (Break)   | 590           | %     | ASTM D412   |

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