

# Maxelast® P3830

Thermoplastic Elastomer

Nantong Polymax Elastomer Technology, Co., Ltd

## Message:

Maxelast® P3830 is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific, Europe, or North America.

Typical application of Maxelast® P3830: Engineering/Industrial Parts

| General Information          |               |                   |             |
|------------------------------|---------------|-------------------|-------------|
| Uses                         | Overmolding   |                   |             |
| Physical                     | Nominal Value | Unit              | Test Method |
| Specific Gravity             | 0.960         | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                     | Nominal Value | Unit              | Test Method |
| Durometer Hardness (Shore A) | 30            |                   | ASTM D2240  |
| Elastomers                   | Nominal Value | Unit              | Test Method |
| Tensile Stress               |               |                   | ASTM D412   |
| 100% Strain                  | 0.820         | MPa               |             |
| 300% Strain                  | 1.59          | MPa               |             |
| Tensile Strength (Yield)     | 2.64          | MPa               | ASTM D412   |
| Tensile Elongation (Break)   | 710           | %                 | ASTM D412   |

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## 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

