

# BLUESTAR® POM BS270A

Acetal (POM) Copolymer

Beijing Ranger Chemical Co., Ltd.

## Message:

BLUESTAR® POM BS270A is an Acetal (POM) Copolymer material. It is available in Asia Pacific or Europe.

| General Information                       |               |                   |             |
|-------------------------------------------|---------------|-------------------|-------------|
| Forms                                     | Pellets       |                   |             |
| Physical                                  | Nominal Value | Unit              | Test Method |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 24 to 30      | g/10 min          | ISO 1133    |
| Mechanical                                | Nominal Value | Unit              | Test Method |
| Tensile Modulus                           | 2600          | MPa               | ISO 527-2   |
| Tensile Stress (Yield)                    | 62.0          | MPa               | ISO 527-2   |
| Tensile Strain (Break)                    | 34            | %                 | ISO 527-2   |
| Flexural Stress                           | 85.0          | MPa               | ISO 178     |
| Impact                                    | Nominal Value | Unit              | Test Method |
| Charpy Notched Impact Strength            | 5.0           | kJ/m <sup>2</sup> | ISO 179/1eA |
| Thermal                                   | Nominal Value | Unit              | Test Method |
| Melting Temperature                       | 165           | °C                | ISO 11357-3 |

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## Recommended distributors for this material

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