

# TRAMID® 4110G40

Polyamide  
Samyang Corporation

Message:

TRAMID® 4110G40 is a Polyamide product. It is available in Asia Pacific, Europe, or North America.

| General Information                                     |               |                   |             |
|---------------------------------------------------------|---------------|-------------------|-------------|
| Forms                                                   | Pellets       |                   |             |
| Physical                                                | Nominal Value | Unit              | Test Method |
| Specific Gravity                                        | 1.46          | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)                | 14            | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow                                | 0.40 to 0.80  | %                 | ASTM D955   |
| Mechanical                                              | Nominal Value | Unit              | Test Method |
| Tensile Strength (Yield)                                | 167           | MPa               | ASTM D638   |
| Tensile Elongation (Break)                              | 2.0           | %                 | ASTM D638   |
| Flexural Modulus                                        | 10800         | MPa               | ASTM D790   |
| Flexural Strength (Yield)                               | 279           | MPa               | ASTM D790   |
| Impact                                                  | Nominal Value | Unit              | Test Method |
| Notched Izod Impact (23°C, 3.18 mm)                     | 130           | J/m               | ASTM D256   |
| Thermal                                                 | Nominal Value | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 213           | °C                | ASTM D648   |

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