

# Shandong PA66 ZRPA66

Polyamide 66

Shandong Dongchen Engineering Plastics Co., Ltd.

## Message:

Shandong PA66 ZRPA66 is a Polyamide 66 (Nylon 66) material. It is available in Asia Pacific.

Important attributes of Shandong PA66 ZRPA66 are:

Flame Rated

Good Toughness

Heat Resistant

Impact Resistant

Wear Resistant

Typical applications include:

Engineering/Industrial Parts

Appliances

| General Information                                |                          |                   |
|--|--------------------------|-------------------|
| Features   | Good Toughness           |                   |
|  | Good Wear Resistance     |                   |
|  | High Heat Resistance     |                   |
|  | High Impact Resistance   |                   |
|  | Lubricated               |                   |
| Uses   | Appliance Components     |                   |
|  | Bearings                 |                   |
|  | Machine/Mechanical Parts |                   |
| Mechanical   | Nominal Value            | Unit              |
| Tensile Stress (Yield)                             | 65.0                     | MPa               |
| Tensile Strain (Break)                             | 20                       | %                 |
| Flexural Stress                                    | 70.0                     | MPa               |
| Impact   | Nominal Value            | Unit              |
| Notched Izod Impact Strength                       | 30                       | kJ/m <sup>2</sup> |
| Unnotched Izod Impact Strength                     | No Break                 |                   |
| Thermal  | Nominal Value            | Unit              |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 220                      | °C                |
| Flammability                                       | Nominal Value            | Test Method       |
| Flame Rating                                       | HB                       | UL 94             |

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