

# SABIC® PP 511MK41T

POLYPROPYLENE IMPACT COPOLYMER  
REGION ASIA

## DESCRIPTION

SABIC® PP 511MK41T is a high fluidity polypropylene impact copolymer with excellent dimensional stability, low warpage, high stiffness and medium impact strength. It contains nucleating & antistatic agents.

| INDUSTRY   | SUB INDUSTRY                               |
|------------|--------------------------------------------|
| Automotive | Automotive Interiors, Automotive Exteriors |
| Consumer   | Consumer Goods, Home Appliances            |

## TYPICAL PROPERTY VALUES

| PROPERTIES                            | TYPICAL VALUES | UNITS    | TEST METHODS |
|---------------------------------------|----------------|----------|--------------|
| <b>POLYMER PROPERTIES</b>             |                |          |              |
| <b>Melt Flow Rate (MFR)</b>           |                |          |              |
| @230°C&2.16kg                         | 29             | g/10 min | ISO 1133     |
| <b>Density</b>                        |                |          |              |
| @23°C                                 | 905            | kg/m³    | ISO 1183     |
| <b>MECHANICAL PROPERTIES</b>          |                |          |              |
| <b>Tensile strength</b>               |                |          |              |
| @Yield                                | 25             | MPa      | ISO 527-2    |
| <b>Flexural Modulus</b>               |                |          |              |
| (1% Secant)                           | 1350           | MPa      | ISO 178      |
| <b>Charpy Impact Strength Notched</b> |                |          |              |
| @23°C                                 | 9              | kJ/m²    | ISO 179-1    |
| @-20°C                                | 5              | kJ/m²    | ISO 179-1    |
| <b>Rockwell Hardness</b>              |                |          |              |
| R-scale                               | 95             | -        | ISO 2039-2   |
| <b>THERMAL PROPERTIES</b>             |                |          |              |
| <b>Heat deflection temperature</b>    |                |          |              |
| @455kPa                               | 100            | °C       | ISO 75-2     |

