

**SABIC® PPcompound 20MBTFU**

PP

Saudi Basic Industries Corporation (SABIC)

**Product Texts**

SABIC® PPcompound 20MBTFU is a talc filled masterbatch for use with SABIC® PP Super high impact copolymers and as such part of the SABIC® PP CS system. This material contains UV stabilization for exterior application. SABIC® PPcompound 20MBTFU is a designated automotive grade. IMDS ID: 68088079

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ISO Data</b>                            |              |             |                      |
| Melt flow index, MFI                       | <b>6</b>     | g/10min     | ISO 1133             |
| Temperature                                | <b>230</b>   | °C          | -                    |
| Load                                       | <b>2.16</b>  | kg          | -                    |

| <b>Mechanical properties</b>          | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|---------------------------------------|--------------|-------------------|----------------------|
| <b>ISO Data</b>                       |              |                   |                      |
| Tensile Modulus                       | <b>2650</b>  | MPa               | ISO 527              |
| Yield stress                          | <b>27</b>    | MPa               | ISO 527              |
| Stress at break                       | <b>24</b>    | MPa               | ISO 527              |
| Strain at break                       | <b>10</b>    | %                 | ISO 527              |
| Flexural modulus, 23°C                | <b>2700</b>  | MPa               | ISO 178              |
| Charpy notched impact strength, +23°C | <b>4</b>     | kJ/m <sup>2</sup> | ISO 179/1eA          |
| Shore D hardness                      | <b>67</b>    | -                 | ISO 7619-1           |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1330</b>  | kg/m <sup>3</sup> | ISO 1183             |

**Characteristics****Special Characteristics**

U.V. stabilized or stable to weather

**Features**

Copolymer