

The TOTAL Automotive team is available to discuss its global product offerings into this fast-paced, growing market. In Europe and globally, we offer a wide range of products, both impact copolymers and compounds to satisfy the specialized PP and TPO applications in a vehicle – bumpers, side protections, door lists, rocker panels, body panels, spoilers, fenders, cowl covers, instrument panels, pillars, trims, air ducts, etc.

In North America, we concentrate for now on only a few applications, especially with localized TPO compounds production. The following is a “short” list of the Finalloy® grades currently available from US production :

### North American Grade Range

| Grade                                          | Filler Content % | MFR (230°C) | Flex Modulus (MPa) | Notched Charpy (-20°C) kJ/m <sup>2</sup> | MD Shrinkage %   | CLTE µm/m/K  | Density g/cc     |
|------------------------------------------------|------------------|-------------|--------------------|------------------------------------------|------------------|--------------|------------------|
| ➤ <b>Exterior</b>                              |                  |             |                    |                                          |                  |              |                  |
| <b>Total® PPC 7810B</b>                        | -                | <b>15</b>   | <b>900</b>         | <b>8.5</b>                               | <b>1.3-1.5</b>   | <b>100</b>   | <b>0.90</b>      |
| <b>Finalloy® MB-50/HE</b>                      | <b>50</b>        | <b>3</b>    | -                  | -                                        | -                | -            | <b>1.34</b>      |
| <b>Finalloy® PPC 7810B + MB-50/HE (20-40%)</b> | <b>10-20</b>     | <b>7-10</b> | <b>1400-1650</b>   | <b>7-10</b>                              | <b>0.65-0.95</b> | <b>50-70</b> | <b>0.97-1.04</b> |
| <b>Finalloy® EBP-1415</b>                      | <b>15</b>        | <b>16</b>   | <b>1550</b>        | <b>20</b>                                | <b>0.60-0.80</b> | <b>50</b>    | <b>1.00</b>      |
| <b>Finalloy® EBP-15X5</b>                      | <b>30</b>        | <b>10</b>   | <b>1900</b>        | <b>5</b>                                 | <b>0.40-0.60</b> | <b>35</b>    | <b>1.13</b>      |
| <b>Finalloy® EBP-15X6H</b>                     | <b>30</b>        | <b>20</b>   | <b>2000</b>        | <b>3</b>                                 | <b>0.40-0.65</b> | <b>37</b>    | <b>1.12</b>      |
| <b>Finalloy® EBP-820/2</b>                     | <b>20</b>        | <b>17</b>   | <b>1900</b>        | <b>6</b>                                 | <b>0.50-0.70</b> | <b>50</b>    | <b>1.03</b>      |
| <b>Finalloy® EBP-830/9</b>                     | <b>30</b>        | <b>16</b>   | <b>3000</b>        | <b>3</b>                                 | <b>0.40-0.65</b> | <b>35</b>    | <b>1.13</b>      |
| <b>Finalloy® EF-56/7</b>                       | <b>20</b>        | <b>14</b>   | <b>1450</b>        | <b>7</b>                                 | <b>0.40-0.60</b> | <b>45</b>    | <b>1.04</b>      |
| ➤ <b>Interior</b>                              |                  |             |                    |                                          |                  |              |                  |
| <b>Finalloy® EBP-94</b>                        | -                | <b>5</b>    | <b>600</b>         | <b>65</b>                                | <b>0.65-0.95</b> | <b>85</b>    | <b>0.90</b>      |
| <b>Finalloy® HXN-10 C16</b>                    | <b>10</b>        | <b>12</b>   | <b>1500</b>        | <b>8</b>                                 | <b>0.95-1.00</b> | <b>60</b>    | <b>1.00</b>      |
| <b>Finalloy® HXN-88</b>                        | <b>20</b>        | <b>9</b>    | <b>2200</b>        | <b>4</b>                                 | <b>0.85-1.05</b> | <b>70</b>    | <b>1.04</b>      |
| <b>Finalloy® SLV-67HM</b>                      | <b>20</b>        | <b>21</b>   | <b>2050</b>        | <b>3.5</b>                               | <b>0.85-1.00</b> | <b>65</b>    | <b>1.04</b>      |
| <b>Finalloy® SMV-65</b>                        | <b>10</b>        | <b>30</b>   | <b>1900</b>        | <b>4</b>                                 | <b>0.9-1.15</b>  | <b>85</b>    | <b>0.97</b>      |
| <b>Finalloy® SR-64N</b>                        | <b>15</b>        | <b>25</b>   | <b>1750</b>        | <b>5</b>                                 | <b>0.85-1.15</b> | <b>75</b>    | <b>1.00</b>      |

Polypropylene

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