



## LNP™ STAT-KON™ Compound 115EM4A

### Asia Pacific: COMMERCIAL

LNP\* STAT-KON\* 115EM4A is an electrically conductive compound based on PPE+PS containing carbon powder.

| TYPICAL PROPERTIES <sup>1</sup>   | TYPICAL VALUE   | Unit                | Standard             |
|-----------------------------------|-----------------|---------------------|----------------------|
| <b>MECHANICAL</b>                 |                 |                     |                      |
| Tensile Stress, yield             | 700             | kgf/cm <sup>2</sup> | SABIC - Japan Method |
| Tensile Strain, break             | 6               | %                   | SABIC - Japan Method |
| Flexural Stress                   | 1100            | kgf/cm <sup>2</sup> | ASTM D 790           |
| Flexural Modulus                  | 34000           | kgf/cm <sup>2</sup> | ASTM D 790           |
| <b>IMPACT</b>                     |                 |                     |                      |
| Izod Impact, notched, 23°C        | 4               | cm-kgf/cm           | ASTM D 256           |
| <b>THERMAL</b>                    |                 |                     |                      |
| HDT, 0.45 MPa, 3.2 mm, unannealed | 163             | °C                  | ASTM D 648           |
| <b>PHYSICAL</b>                   |                 |                     |                      |
| Specific Gravity                  | 1.16            | -                   | ASTM D 792           |
| Mold Shrinkage, flow, 3.2 mm (5)  | 0.7 - 0.8       | %                   | SABIC Method         |
| <b>ELECTRICAL</b>                 |                 |                     |                      |
| Surface Resistivity               | 1.E+04 - 1.E+06 | Ohm                 | ASTM D 257           |