



| Starex WR-9300HF                        |                 |                          |               |
|-----------------------------------------|-----------------|--------------------------|---------------|
| ASA                                     |                 | Samsung Cheil Industries |               |
| Processing/Physical Characteristics     | Value           | Unit                     | Test Standard |
| <b>ASTM Data</b>                        |                 |                          |               |
| Melt Flow Index                         | 14              | g/10min                  | ASTM D 1238   |
| Temperature                             | 220             | °C                       | -             |
| Load                                    | 10              | kg                       | -             |
| Density, 73°F                           | 1070            | kg/m³                    | ASTM D 792    |
| Mechanical properties                   | Value           | Unit                     | Test Standard |
| <b>ASTM Data</b>                        |                 |                          |               |
| Tensile Strength                        | 44              | MPa                      | ASTM D 638    |
| Flexural Modulus                        | 2060            | MPa                      | ASTM D 790    |
| Flexural Strength                       | 62              | MPa                      | ASTM D 790    |
| Izod Impact notched, 1/8 in             | 0.188           | kJ/m                     | ASTM D 256    |
| Thermal properties                      | Value           | Unit                     | Test Standard |
| <b>ISO Data</b>                         |                 |                          |               |
| Vicat softening temperature, 50°C/h 50N | 99              | °C                       | ISO 306       |
| <b>ASTM Data</b>                        |                 |                          |               |
| DTUL @ 264 psi                          | 86              | °C                       | ASTM D 648    |
| <b>Characteristics</b>                  |                 |                          |               |
| <b>Delivery form</b>                    | <b>Features</b> |                          |               |
| Pellets, Natural Color                  | Low Odor        |                          |               |