

**Kalix® 2955 WH 000**  
PA610-GF55

Syensqo

| Rheological properties      | Value | Unit | Test Standard   |
|-----------------------------|-------|------|-----------------|
| <b>ISO Data</b>             |       |      |                 |
| Molding shrinkage, parallel | 0.1   | %    | ISO 294-4, 2577 |
| Molding shrinkage, normal   | 0.3   | %    | ISO 294-4, 2577 |

| Mechanical Properties                   | Value | Unit  | Test Standard |
|-----------------------------------------|-------|-------|---------------|
| <b>ISO Data</b>                         |       |       |               |
| Tensile Modulus                         | 17800 | MPa   | ISO 527       |
| Tensile Strength                        | 222   | MPa   | ISO 527       |
| Strain at Break                         | 2.5   | %     | ISO 527       |
| Impact Strength (Charpy), +23°C         | 100   | kJ/m² | ISO 179/1eU   |
| Notched Impact Strength (Charpy), +23°C | 22    | kJ/m² | ISO 179/1eA   |
| Flexural Modulus (23°C)                 | 15800 | MPa   | ISO 178       |
| Notched Impact Strength (Izod), 23°C    | 20    | kJ/m² | ISO 180/1A    |
| Impact Strength (Izod), 23°C            | 90    | kJ/m² | ISO 180/1U    |

| Thermal Properties                        | Value | Unit  | Test Standard |
|-------------------------------------------|-------|-------|---------------|
| <b>ISO Data</b>                           |       |       |               |
| Temp. of deflection under load (1.80 MPa) | 214   | °C    | ISO 75-1/-2   |
| Temp. of deflection under load (0.45 MPa) | 222   | °C    | ISO 75-1/-2   |
| Burning Behav. at thickness h             | HB    | class | UL 94         |
| Thickness tested                          | 0.6   | mm    | -             |
| <b>ASTM Data</b>                          |       |       |               |
| Glass Transition Temperature              | 55    | °C    | ASTM E 1356   |

| Other Properties | Value | Unit  | Test Standard |
|------------------|-------|-------|---------------|
| <b>ISO Data</b>  |       |       |               |
| Density          | 1580  | kg/m³ | ISO 1183      |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---------------------------------------------|-----------|------|---------------|
| Pre-drying - Temperature                    | 80        | °C   | -             |
| Pre-drying - Time                           | 4 - 12    | h    | -             |
| Processing humidity                         | ≤0.09     | %    | -             |
| Melt temperature                            | 280 - 330 | °C   | -             |
| Mold temperature                            | 50 - 130  | °C   | -             |
| Zone 1                                      | 265 - 300 | °C   | -             |
| Zone 2                                      | 280 - 330 | °C   | -             |
| Zone 3                                      | 280 - 330 | °C   | -             |

**Characteristics**
**Processing**

Injection Molding

**Features**

Low Warpage

**Delivery form**

Pellets, White

**Certifications**

Contains renewable resources

**Special Characteristics**

Platable, Impact modified

**Applications**

Electrical and Electronical