

**Product Texts**

Topester™ 435RM is completely recyclable.

| Processing/Physical Characteristics | Value | Unit    | Test Standard   |
|-------------------------------------|-------|---------|-----------------|
| <b>ISO Data</b>                     |       |         |                 |
| Melt flow index, MFI                | 10    | g/10min | ISO 1133        |
| Temperature                         | 230   | °C      | -               |
| Load                                | 2.16  | kg      | -               |
| Molding shrinkage, parallel         | 1.2   | %       | ISO 294-4, 2577 |

| Mechanical properties                 | Value | Unit              | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                       |       |                   |               |
| Stress at break                       | 20    | MPa               | ISO 527       |
| Strain at break                       | 850   | %                 | ISO 527       |
| Flexural modulus                      | 55    | MPa               | ISO 178       |
| Charpy notched impact strength, +23°C | N     | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Charpy notched impact strength, -30°C | N     | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Shore D hardness                      | 35    | -                 | ISO 7619-1    |

| Thermal properties             | Value | Unit | Test Standard  |
|--------------------------------|-------|------|----------------|
| <b>ISO Data</b>                |       |      |                |
| Melting temperature, 10°C/min  | 192   | °C   | ISO 11357-1/-3 |
| Vicat softening temperature, A | 132   | °C   | ISO 306        |

| Electrical properties | Value | Unit  | Test Standard |
|-----------------------|-------|-------|---------------|
| <b>ISO Data</b>       |       |       |               |
| Volume resistivity    | 2E10  | Ohm*m | IEC 62631-3-1 |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1100  | kg/m <sup>3</sup> | ISO 1183      |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature                    | 110       | °C   | -             |
| Pre-drying - Time                           | 3 - 5     | h    | -             |
| Mold temperature                            | 20 - 60   | °C   | -             |
| Zone 1                                      | 180 - 200 | °C   | -             |
| Zone 2                                      | 200 - 240 | °C   | -             |
| Zone 3                                      | 210 - 240 | °C   | -             |
| Nozzle temperature                          | 210 - 240 | °C   | -             |

| Processing Recommendation Extrusion | Value     | Unit | Test Standard |
|-------------------------------------|-----------|------|---------------|
| Pre-drying - Temperature            | 110       | °C   | -             |
| Pre-drying - Time                   | 3 - 5     | h    | -             |
| Zone 1                              | 180 - 200 | °C   | -             |
| Zone 2                              | 180 - 240 | °C   | -             |
| Zone 3                              | 210 - 240 | °C   | -             |

**Characteristics**

**Processing**  
Injection Molding, Other Extrusion

**Applications**  
Automotive

**Delivery form**  
Pellets, Natural Color

**Regional Availability**  
Asia Pacific

**Special Characteristics**

Heat stabilized or stable to heat