

**SCANBLEND FS8 ASUV4**

(PC+ASA)

Polykemi AB

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ISO Data</b>                            |              |             |                      |
| Melt flow index, MFI                       | <b>25</b>    | g/10min     | ISO 1133             |
| Temperature                                | <b>260</b>   | °C          | -                    |
| Load                                       | <b>5</b>     | kg          | -                    |
| Molding shrinkage, parallel                | <b>0.6</b>   | %           | ISO 294-4, 2577      |
| Molding shrinkage, normal                  | <b>0.6</b>   | %           | ISO 294-4, 2577      |

| <b>Mechanical properties</b>          | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|---------------------------------------|--------------|-------------------|----------------------|
| <b>ISO Data</b>                       |              |                   |                      |
| Tensile Strength                      | <b>50</b>    | MPa               | ISO 527              |
| Yield strain                          | <b>7</b>     | %                 | ISO 527              |
| Flexural modulus, 23°C                | <b>2500</b>  | MPa               | ISO 178              |
| Charpy notched impact strength, +23°C | <b>55</b>    | kJ/m <sup>2</sup> | ISO 179/1eA          |

| <b>Thermal properties</b>                | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ISO Data</b>                          |              |             |                      |
| Temp. of deflection under load, 1.80 MPa | <b>122</b>   | °C          | ISO 75-1/-2          |
| Temp. of deflection under load, 0.45 MPa | <b>132</b>   | °C          | ISO 75-1/-2          |
| Vicat softening temperature, B           | <b>134</b>   | °C          | ISO 306              |
| Burning behav. at 1.5 mm nom. thickn.    | <b>HB</b>    | class       | IEC 60695-11-10      |
| Thickness tested                         | <b>1.6</b>   | mm          | -                    |
| Glow Wire Ignition Temperature (GWIT)    | <b>650</b>   | °C          | IEC 60695-2-13       |
| GWIT - thickness tested (1)              | <b>2</b>     | mm          | -                    |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1170</b>  | kg/m <sup>3</sup> | ISO 1183             |

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Anti-static, U.V. stabilized or stable to weather

**Delivery form**

Granules

**Regional Availability**

Europe, Asia Pacific