

Ravapura[®] ABS 3025
ABS
Recycled Quality Compound



Description:

Hybrid ABS compound with 30 % minimum PCR content (Post Consumer Recycled), standard injection molding grade general purpose, superior aesthetical properties,
Available only in selected colors
BQA_QA-CER_C_20221146

General

| | | | |
|------------------|----------|----|---------|
| MFI (220°C/10kg) | ISO 1133 | 25 | g/10min |
|------------------|----------|----|---------|

Thermal

| | | | |
|-----------------------------------|----------------|------|----|
| HDT/A (1,82MPa) | ISO 75A | 91 | °C |
| Vicat softening point (B50 (50N)) | ISO 306 | 95 | °C |
| Ball pressure test (75°C) | IEC 60695-10-2 | pass | °C |

Mechanical

| | | | |
|--|---------|------|-------------------|
| Izod notched impact strength (23 °C) | ISO 180 | 16 | kJ/m ² |
| Charpy notched impact strength (23 °C) | ISO 179 | 14 | kJ/m ² |
| Tensile strength at yield (23 °C) | ISO 527 | 40 | MPa |
| Elongation at break (23 °C) | ISO 527 | 25 | % |
| Flexural modulus (23 °C) | ISO 178 | 2500 | MPa |

Flammability

| | | | |
|--|----------------|-----|----|
| Flammability (1,5 mm) | UL94 | HB | |
| Glow wire flammability index (2,0 mm) | IEC 60695-2-12 | 675 | °C |
| Glow wire ignitiability temperature (2 mm) | IEC 60695-2-13 | 700 | °C |

Various

| | | | |
|------------------------|-----------------|---------|--------|
| Surface resistivity | IEC 60093 | 1E15 | Ohm |
| Volume resistivity | IEC 60093 | 1E14 | Ohm.cm |
| Linear Mould Shrinkage | internal method | 0,4-0,7 | % |

Remark:

Preliminary Data Sheet