

Dryflex® PCW 92A331B

Thermoplastic Elastomer

ELASTO

Message:

Dryflex PCW 92A331B: Thermoplastic Elastomer

Base Material: TPO

Hardness: 92 Shore A

Service Temperature Range: -50 to +75°C (Unstressed Material).

Colour: Black

Presentation: Free flowing pellets that can be processed without predrying when stored under normal conditions

Weather Resistance: Excellent

Ozone / UV Resistance: Excellent

Chemical Resistance: Good (excluding organic solvents, aromatic and vegetable oils)

Recycling: 100% recyclable

Mould Shrinkage (linear): Approx. 0.75 - 2% depending on e.g. shape of the detail and placement of gate

Bonds to: PP, PE

Special Features: This grade contains approximately 33% by weight of Post Consumer Waste

| General Information | | | |
|--------------------------------|--------------------------|-------------------|-------------|
| Recycled Content | Yes,33% | | |
| Features | Good Chemical Resistance | | |
| | Good UV Resistance | | |
| | Good Weather Resistance | | |
| | Ozone Resistant | | |
| | Recyclable Material | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.11 | g/cm ³ | ISO 2781 |
| Molding Shrinkage ¹ | 0.75 to 2.0 | % | ISO 294-4 |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore A) | 92 | | ISO 868 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (100% Strain) | 6.20 | MPa | ISO 37 |
| Tensile Stress (Yield) | 7.50 | MPa | ISO 37 |
| Tensile Elongation (Break) | 470 | % | ISO 37 |
| Tear Strength ² | 58 | kN/m | ISO 34-1 |
| Injection | Nominal Value | Unit | |
| Rear Temperature | 170 to 200 | °C | |
| Middle Temperature | 170 to 200 | °C | |
| Front Temperature | 170 to 200 | °C | |
| Mold Temperature | 30.0 to 50.0 | °C | |
| NOTE | | | |

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|----|---|
| 1. | Depending on e.g. shape of the detail and placement of gate |
| 2. | Method C, Crescent |

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Recommended distributors for this material

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