

Forprene® 6B0.A85

Thermoplastic Vulcanizate (TPV)

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|------------------------------|--|
| Description | TPV, blow moulding grade, high blow ratio. |
| Norm compliance | EU Directive 2002/95/EC (RoHS) compliant. |
| Applications | Automotive. |
| Processing technology | Blow moulding |

The following figures indicate the typical material properties and are not to be considered a specification

| Physical Properties | Typical value | Test method | Units |
|------------------------------|----------------------|--------------------|-------------------|
| Hardness 15" | A 87 | ASTM D2240 | Shore |
| Specific gravity (23°C) | 0.92 | ASTM D792 | g/cm ³ |
| Elasto-Mechanical Properties | Typical value | Test method | Units |
| Tensile strength | 12.0 | ASTM D412-C | MPa |
| Elongation at break | 630 | ASTM D412-C | % |
| Modulus 100% | 4.5 | ASTM D412-C | MPa |
| Tear strength | 51 | ASTM D624-C | kN/m |
| Compression set (22 h 70°C) | 48 | ASTM D395-B TYPE 1 | % |
| Processing Conditions | Typical value | Test method | Units |
| Cylinder temperature | 170-180-185 | - | °C |
| Head temperature | 195 | - | °C |
| Dye temperature | 185 | - | °C |
| Drying | not necessary | - | hours - °C |

Storage

This product should be stored in a covered facility and kept away from moisture and heat.