# MULTIFLEX™ TES A8503 BGS1 24035 WHITE

STYRENIC THERMOPLASTIC ELASTOMER

## Product information

| | |
|---|---|
| Colour | White |

## Typical mechanical properties

| | | | |
|---|---|---|---|
| Stress at break | 8 | MPa | ISO 527-1/-2 or ISO 37 |
| Stress at break | 9.5 | MPa | ISO 527-1/-2 |
| Elongation at break | 1000 | % | ISO 527-1/-2 or ISO 37 |
| Shore A hardness, 15s | 85 | | ISO 48-4 / ISO 868 |
| Tear strength, parallel | 50 | kN/m | ISO 34-1 |
| Tear strength, normal | 50 | kN/m | ISO 34-1 |

[1]: ISO 37, type 1 v=500mm/min, Cross direction

[2]: ISO 37, type 1 v=500mm/min, Flow direction

## Other properties

| | | | |
|---|---|---|---|
| Density | 1080 | kg/m³ | ISO 1183 |

## Injection

| | | |
|---|---|---|
| Drying Recommended | no | |
| Drying Time, Dehumidified Dryer | ≤0 | h |
| Mold Temperature Optimum | 30 | °C |
| Min. mould temperature | 15 | °C |
| Max. mould temperature | 45 | °C |
| Hold pressure range | as low as possible | MPa |

## Characteristics

| | |
|---|---|
| Compatibility | Polyolefins |



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