PORON®

# 一般物性 Physical Properties

| PORON | スタンダード | | | | | | | 低発生ガス・難燃 | | | | | | 耐熱 | | | | | | | | PETサポート薄物 | | | | | | | | | | | | | | | | | | | | 特殊表面 | | | | | | | | その他 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | スタンダード | | | | | | | 難燃 | | | | クリーン | | 標準 | | | 高シール | | | | 高難燃 | 低反発 | | | | | | | 高強度 | 低発生 | ソフト | | 防水 | | 難燃 | | 極薄 | 高グリップ | | | | | | | 高摺動 | 止水 | | |
| 物性 ＼ タイプ | LE | L | | H | | | HH | MS | ML | MH | NU | CH | | TR | | | ATR | | | | RX | SR-S | | | | | | | TSR | SR-U | SS | | WP | | MS | | MH | EXT | CH | MX | | | | HH | LE | WA | WA-H | |
| 項目 | 単位 | 20 | 24 | 32 | 24 | 32 | 48 | 48 | 40 | 32 | 32 | 60 | 32 | 48 | 20 | 24 | 32 | 24 | 24PR | 32 | 32PR | 32 | 15P | 20P | 24P | 32P | 40P | 48P | 70P | 15P | 40P | 24P | 32P | 24P | 32P | 40P | 40P | 40PR | 48P | | 32EG | 48EG | 40EG | 48EG | 48HF | 48C | 20LF | 20 | 20 | 項目 |
| 密度 | kg/m³ | 200 | 240 | 320 | 240 | 320 | 480 | 480 | 400 | 320 | 320 | 600 | 320 | 480 | 200 | 240 | 320 | 240 | 240 | 320 | 320 | 320 | 150 | 200 | 240 | 320 | 400 | 480 | 700 | 150 | 400 | 240 | 320 | 240 | 320 | 400 | 400 | 400 | 480 | 900 | 320 | 480 | 400 | 480 | 480 | 480 | 200 | 200 | 200 | 密度 |
| 引張強度 | MPa | 0.30 | 0.54 | 0.77 | 0.88 | 1.44 | 2.35 | 2.65 | 0.51 | 0.68 | 1.20 | 1.30 | 1.30 | 2.00 | 0.28 | 0.29 | 0.41 | 0.28 | 0.28 | 0.42 | 0.42 | 0.50 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 1.30 | 2.00 | 3.83 | 4.58 | 4.24 | 2.65 | 0.30 | 0.26 | 0.36 | 引張強度 |
| 伸び | % | 150 | 115 | 150 | 150 | 155 | 140 | 140 | 130 | 110 | 110 | 150 | 110 | 120 | 95 | 86 | 87 | 95 | 95 | 85 | 85 | 72 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 110 | 120 | 95 | 81 | 80 | 140 | 150 | 200 | 120 | 伸び |
| 引裂強度 | N/mm | 1.3 | 1.8 | 2.4 | 2.8 | 3.3 | 6.2 | 7.4 | 2.1 | 2.1 | 2.9 | 5.5 | 4.0 | 6.2 | 1.0 | 1.1 | 1.7 | 1.0 | 1.0 | 1.4 | 1.4 | 1.8 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 4.0 | 6.2 | 10.7 | 9.7 | 10.0 | 7.4 | 1.3 | 1.01 | 1.36 | 引裂強度 |
| 25%圧縮荷重 | MPa | 0.02 | 0.04 | 0.08 | 0.08 | 0.14 | 0.25 | 0.39 | 0.06 | 0.07 | 0.13 | 0.21 | 0.14 | 0.31 | 0.02 | 0.03 | 0.07 | 0.06 | 0.06 | 0.10 | 0.10 | 0.06 | *1 0.006 | 0.006 | 0.008 | 0.011 | 0.015 | 0.022 | *2 0.016 | *1 0.007 | 0.015 | 0.007 | 0.010 | 0.022 | 0.051 | 0.071 | 0.054 | 0.064 | 0.284 | *2 0.007 | 0.14 | 0.31 | 0.92 | 1.26 | 1.37 | 0.39 | 0.02 | *3 0.030 | *3 0.045 | 25%圧縮荷重 |
| 圧縮残留歪 | % | 7.9 | 2.7 | 3.4 | 3.3 | 3.1 | 5.9 | 4.7 | 3.0 | 2.0 | 3.0 | 2.9 *4 | 2.9 | 2.4 | 5.6 *5 | 3.9 *5 | 4.0 *5 | 6.0 *6 | 6.0 *6 | 6.0 *6 | 6.0 *6 | 2.5 *6 | 1.0 | 1.6 | 2.7 | 2.2 | 2.0 | 2.0 | 4.0 *4 | 1.0 | 4.0 | 1.6 | 2.0 | 4.2 | 4.9 | 5.7 | 3.0 | 2.0 | 4.0 | 6.8 *4 | 2.9 | 2.4 | 3.5 *4 | 4.5 *4 | 8.0 *4 | 4.7 | 7.9 | 1.0 | 1.0 | 圧縮残留歪 |

●値はすべて代表値であり規格値ではありません。
●25%圧縮荷重の＊1は40%圧縮荷重、＊2は10%圧縮荷重、＊3は50%圧縮荷重です。
●圧縮残留歪の＊4は25%圧縮荷重、＊5は110℃×22時間、＊6は100℃×22時間です。
●特殊表面シリーズのMS-40PRはPETサポート薄物シリーズをご覧ください。
●測定方法はJIS規格に基づく弊社試験方法です。

# 製品仕様 Product Availability

| PORON | スタンダード | | | | | | | 低発生ガス・難燃 | | | | | | 耐熱 | | | | | | | | PETサポート薄物 | | | | | | | | | | | | | | | | | | | | 特殊表面 | | | | | | | | その他 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | スタンダード | | | | | | | 難燃 | | | | クリーン | | 標準 | | | 高シール | | | | 高難燃 | 低反発 | | | | | | | 高強度 | 低発生 | ソフト | | 防水 | | 難燃 | | 極薄 | 高グリップ | | | | | | | 高摺動 | 止水 | | | サイズ |
| サイズ ＼ タイプ | LE | L | | H | | | HH | MS | ML | MH | NU | CH | | TR | | | ATR | | | | RX | SR-S | | | | | | | TSR | SR-U | SS | | WP | | MS | | MH | EXT | CH | MX | | | | HH | LE | WA | WA-H | |
| 厚み(mm) | 幅(mm) | 長さ(M) | 20 | 24 | 32 | 24 | 32 | 48 | 48 | 40 | 32 | 32 | 60 | 32 | 48 | 20 | 24 | 32 | 24 | 24PR | 32 | 32PR | 32 | 15P | 20P | 24P | 32P | 40P | 48P | 70P | 15P | 40P | 24P | 32P | 24P | 32P | 40P | 40P | 40PR | 48P | | 32EG | 48EG | 40EG | 48EG | 48HF | 48C | 20LF | 20 | 20 | 厚み(mm) |
| 0.1 | 500 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ○ | | | | | | | | | | | 0.1 |
| 0.15 | 〃 | 〃 | | | | | | | | | | | | | | | | | | | | | | | | | | | ○ | | | | | | | | | | | | | | | | | | | | 0.15 |
| 0.2 | 〃 | 〃 | | | | | | | | | | | | | | | | | | | | | | | | ○ | | | ○ | | | | | | | | | | | | | | | | | | | | 0.2 |
| 0.3 | 〃 | 〃 | | | | | | | | | | | | | | | | | | | | | | ○ | | | | ○ | | | | | | | ○ | ○ | | | ○ | | | | | | | | | | 0.3 |
| 0.4 | 〃 | 〃 | | | | | | | | | | | | | | | | | | | | | | □ | | | ○ | | | | | | | | | | □ | | | | | | | | | | | 0.4 |
| 0.45 | 〃 | 〃 | | | | | | △ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.45 |
| 0.5 | 〃 | 〃 | | | | | | ○ | | | | | | | | | | | | | | | | ○ | | | □ | ◎ | | | ○ | ◎ | | ◎ | □ | ○ | ○ | ○ | □ | | | | | | | | | | | 0.5 |
| 0.6 | 〃 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | ○ | □ | | | | | | | | □ | | | | | | | | | | | | 0.6 |
| 0.7 | 〃 | 〃 | | | | | | | | | | ◎ | | | | | | | | | | | | □ | | ○ | ○ | ○ | | | □ | | | | | | □ | □ | | | | | | | | | | | 0.7 |
| 0.8 | 〃 | 〃 | | | | | | ◎ | ○ | | | | | ◎ | | | | | | | | | | | | ○ | □ | □ | | | | | | | | | □ | | | | | ○ | ○ | ○ | ◎ | ◎ | | | | 0.8 |
| 0.9 | 〃 | 〃 | | | | | | | ◎ | | | | | | | | | | | | | | | | | ○ | □ | □ | | | | | | | | | | | | | | | | | | | | | | 0.9 |
| 1.0 | 〃 | 〃 | | | | | | ◎ | ○ | | | ◎ | | ◎ | | | ◎ | | | ◎ | ○ | | ○ | | | □ | □ | ◎ | | | □ | ◎ | ◎ | | | ○ | ○ | ○ | ○ | □ | | | | ○ | ○ | ◎ | ◎ | | | 1.0 |
| 1.2 | 〃 | 〃 | | | | | | ◎ | △ | | | △ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.2 |
| 1.5 | 〃 | 〃 | | | ◎ | | ◎ | ◎ | ◎ | ◎ ☆ | ◎ | | | ◎ | | | ◎ | | | ◎ | ○ | | □ | | | □ | ○ | □ | | | | | | | | □ | ○ | □ | | | | | | | ○ | ○ | ○ | ○ | ◎ | ◎ | | | 1.5 |
| 2.0 | 〃 | 〃 | ◎ | | ◎ | | ◎ | ◎ | ◎ | ◎ ☆ | ◎ | | | ◎ | △ | ◎ | ◎ | ◎ | ○ | ◎ | ○ | ◎ | □ | | | □ | ◎ | | | | | | | | | | □ | ○ | ○ | | | | | | | ○ | ○ | ○ | ○ | ◎ | ◎ | ◎ | | 2.0 |
| 3.0 | 〃 | 〃 | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ ※2 | ◎ ※2 | △ | ◎ ☆ | ◎ | | ◎ ※2 | △ | ◎ | ◎ | ◎ | ◎ ※1 | ○ ※1 | ◎ ※1 | ○ ※1 | ◎ | | | | ◎ | | | | | | | | | | | | | | | | ○ | ○ ※2 | ○ ※2 | ◎ ※2 | ◎ ※2 | ◎ ※2 | ◎ | | | 3.0 |
| 4.0 | 〃 | 40 | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ ※4 | ◎ ※2 | △ | ◎ | △ | | ◎ ※4 | △ | ◎ | △ | ◎ | ◎ ※3 | ○ ※3 | △ ※3 | △ ※3 | ◎ | | | | | | | | | | | | | | | | | | | | ○ | ○ ※4 | △ ※4 | | | ◎ ※4 | ◎ | | | 4.0 |
| 5.0 | 〃 | 30 | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ ※5 | ◎ ※4 | ◎ | △ | △ | | ◎ ※5 | △ | ◎ | △ | ◎ | ◎ ※4 | ○ ※4 | △ ※4 | △ ※4 | ◎ | | | | | | | | | | | | | | | | | | | | ○ | | ○ ※5 | | | ◎ ※5 | △ | ○ | ○ | 5.0 |
| 6.0 | 〃 | 25 | ◎ | ◎ | ◎ | ◎ | ◎ | | △ ※8 | | ◎ | △ | | ◎ | | △ | | △ ※5 | | | | △ | | | | | | | | | | | | | | | | | | | | ○ | | | | | △ ※8 | △ | | | 6.0 |
| 8.0 | 〃 | 20 | | ◎ | | ◎ | | | | | | | | | | △ | | △ ※6 | | | | △ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8.0 |
| 10.0 | 〃 | 15 | | ◎ | | ◎ | | | | | | | | | | △ | | △ ※7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ○ ※7 | ○ ※7 | 10.0 |
| 12.0 | 〃 | 10 | | ◎ | | ◎ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12.0 |
| 15.0 | 〃 | 〃 | | ◎ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ○ | ○ | 15.0 |
| 20.0 | 〃 | 〃 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ○ | ○ | 20.0 |
| 標準色 | | | 黒 | | | | | | | 黒 | 黒・白 | | | 黒 | | | | | | | | | 黒 | | | | | | | | | | | | | | | | | | | | 黒 | | | | | | | | | |

●記号　◎ 標準品　○ 準標準品（ロット1R）　□ 受注生産品（ロット500m²）　△ 受注生産品（ロット250m²）
●巻数　※1:45M巻　※2:40M巻　※3:35M巻　※4:25M巻　※5:20M巻　※6:15M巻　※7:10M巻　※8:1M（ロット200シート）
●緑色の記号はUL94 V-0に合格しています。
●特殊表面シリーズのMS-40PRはPETサポート薄物シリーズをご覧ください。