

Technical Datasheet



Application: Plastic and rubber vapour control layers EN 13984

Style name
Type of carrier

8407A
DuPont™ Typar® (PP), Film, spunbond PP

Language **English**

| PROPERTY | METHOD | UNITS | NOMINAL | MINIMUM | MAXIMUM |
|---|----------------|-------------------------|--------------|----------|----------|
| Product designation acc. to EN 13984 | - | - | B | | |
| FUNCTIONALITY: WATER VAPOR AND AIR TIGHTNESS | | | | | |
| Water vapour transmission range (sd) | | m | 0,05 ... >30 | | |
| Water vapour transmission (sd) | EN 1931 | m | 13 | 10 | 16 |
| Density of water vapour flow rate (g) | EN 1931 | kg / (m ² s) | 3,40E-08 | 2,60E-08 | 4,20E-08 |
| Temperature resistance | - | °C | | -40 | +80 |
| Durability (exposure to artificial ageing) | | | | | |
| Water vapour transmission properties | EN 1931 | pass / no pass | pass | - | - |
| Bendtsen airpermeability | ISO 5636/3 | ml/min | 0 | - | - |
| Gurley airpermeability | ISO 5636/5 | s | - | >2000 | - |
| PHYSICAL AND MECHANICAL PROPERTIES | | | | | |
| Mass per unit area | EN 1849-2 | g/m ² | 139 | 129 | 149 |
| Thickness | EN 1849-2 | mm | 0,40 | 0,35 | 0,50 |
| Reaction to fire | EN ISO 11925-2 | class | E | | |
| Maximum tensile force (MD) | EN 12311-2 | N/50mm | 360 | 300 | 420 |
| Elongation at max. tensile force (MD) | EN 12311-2 | % | 30 | 20 | 40 |
| Maximum tensile force (XD) | EN 12311-2 | N/50mm | 300 | 240 | 360 |
| Elongation at max. tensile force (XD) | EN 12311-2 | % | 20 | 13 | 27 |
| Resistance to tearing MD (nail shank) | EN 12310-1 | N | 310 | 200 | 420 |
| Resistance to tearing XD (nail shank) | EN 12310-1 | N | 330 | 220 | 440 |
| ADDITIONAL PROPERTIES | | | | | |
| Length (customer related, expressed in m) | EN 1848-2 | deviation in % | 0 | 0 | - |
| Width (customer related, expressed in mm) | EN 1848-2 | deviation in % | 0 | -0,5 | +1,5 |
| Straightness | EN 1848-2 | mm/10m | - | - | 75 |
| Resistance to impact | EN 12691 | mm | (+) | | |
| Joint strength | EN 12317-2 | N/5cm | 190 | 140 | |
| Water column | EN 20811 | m | > 5 | | |
| Durability (against alkali) | | | (+) | | |
| Elongation at max. tensile force (MD) | EN 12311-1 | pass / no pass | (+) | | |
| Elongation at max. tensile force (XD) | EN 12311-1 | pass / no pass | (+) | | |

(+): No Performance Determined

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