



Ficha Técnica de Producto

Technical Data Sheet

1. DESCRIPCIÓN DE MATERIAL / Material description

MATERIAL / Material: ESPUMA DE POLIETILENO NO RETICULADA / PE Foam, Non-cross linked
TIPO / Type: MICROCELULAR, CÉLULA CERRADA / Microcellular, closed cell
DENOMINACION / Denomination: WHISPER
FECHA / Date: sep-11
REVISIÓN / Revision: 1

2. CARACTERÍSTICAS TÉCNICAS DE MATERIAL / Technical Data

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| | METODO / Method | V. TIPICO / Value (1) | UNIDAD / Unit | |
|---------------------------------------------------------|--------------------------|-------------------------------|--------------------------------|----------------|
| DENSIDAD / Density | ASTM D3575-W / ISO 845 | 32 | Kg/m ³ | |
| RESISTENCIA COMPRESIÓN / Compression strength | ASTM D3575-D / ISO 7214 | 25% compresión vertical | 20 kPa | |
| | | 50% compresión vertical | 35 kPa | |
| RESISTENCIA COMPRESIÓN / Compression strength | DIN 53577 / ISO 3386 | 25% compresión | 18 kPa | |
| | | 50% compresión | 30 kPa | |
| | | 75% compresión | 55 kPa | |
| | | | | |
| RESISTENCIA A LA TRACCIÓN / Tensile strength | ASTM D3575-T / ISO 1798 | 140 | kPa | |
| ALARGAMIENTO A ROTURA / Elongation at break | ASTM D3575-T / ISO 1798 | 50 | % | |
| DEFORMACIÓN REMANENTE / Compression set | ISO 1856 | < 10 | % | |
| | ASTM D3575-B | < 20 | % | |
| COMPORTAMIENTO AL FUEGO / Fire test response | Transportation | NF F 16-101 | F1 Class | |
| | | DIN 54837 | S3, SR2, ST2 Class | |
| | Automotive | DIN 5510-2 | FED(15')= 0,02 / FED(30')=0,05 | Toxicity Index |
| | | TS 45545-2 | CITG(4')=0,04 / CITG(8')=0,06 | Toxicity Index |
| | Appliances & Electronics | FMVSS 302 | PASS | |
| | Building & Construction | UL94 | HF1 | Class |
| ABSORCIÓN DE AGUA / Water pick up by diffusion | UNI EN 12088 | Kg/m ² (28d-95%HR) | < 3 Kg/m ² | |
| | | %Vol. (28d-95%HR) | < 4 %vol. | |
| CONDUCTIVIDAD TÉRMICA / Thermal conductivity | ASTM D3575-V / ISO 8301 | 23°C | 0,104 W/mK | |
| | | -5°C | 0,082 W/mK | |
| | | | | |
| ESTABILIDAD DIMENSIONAL / Dimensional change (24h-70°C) | ASTM D3575-S / ISO 2796 | < 3 | % | |
| TAMAÑO DE CELDA / Cell size | BS 4443-1 Met. 4 | < 10 | cells/25 mm | |

(1) No deben considerarse especificaciones. Son valores obtenidos, en base a la información disponible en Modisprem sa.

This technical information does not constitute either a guarantee or an engagement. Only specifications require our engagement

Preliminary