



Certificate Number: FS 807117

COMPOUND MATERIAL DATA SHEET**GENERAL OVERVIEW:**

A fire-retardant compound with good mechanical properties. This compound has good heat stability inside a wide temperature range. Pigmentation options are limited due to off-white base colour.

FEATURES:

- CS 25.853(a) Amdt.21 App.F Pt.I(a)(1)(i) & (b)(4) 60s. Vert. – Pass 13/12/22
- CS 25.853(a) Amdt.21 App.F Pt.I(a)(1)(iv) & (b)(5) 15s. Horiz. – Pass 01/08/18
- CS 25.853(a) Amdt.21 App.F Pt.I(a)(1)(v) & (b)(5) 15s. Horiz. – Pass 20/10/22
- Smoke Emission* ABD0031 IssF – Pass 20/12/22
- Toxic Gas Emission (ppm) ABD0031 IssF – Pass 20/12/22

PROPERTIES:

PARAMETER	TEST METHOD	TYPICAL VALUE
Temperature Range		-50°C to +220°C
Density at 20°C	ISO 1183-1 A	1.20g/cm ³ (Approx)
Hardness Shore A	DIN 53505	70°
Tensile Strength	DIN 53504 S1 / ISO 37	11.6N/mm ²
Elongation at Break	DIN 53504 S1	460%
Tear Strength	ASTM D 624 B	21N/mm
Compression Set	DIN ISO815-B (22h / 175°C)	40%
Dielectric Strength		20KV/mm

NOTES:

Cure conditions: 1.5% (50% paste of bis (2,4-dichlorobenzoyl)-peroxide in silicone fluid), 10 min / 135°C in press, post-cured 4h / 200°C.

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ORIGINATOR
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