



COMPOUND MATERIAL DATA SHEET

GENERAL OVERVIEW:

A high temperature rated compound with good mechanical properties. The compound has a natural off-white colour and limited pigments, most commonly red oxide or grey.

FEATURES:

- FDA compliant to 21 CFR 177.2600

PROPERTIES:

PARAMETER	TEST METHOD	TYPICAL VALUE
Temperature Range		-50°C to +300°C (Max)
Density at 20°C	ISO 1183-1 A	1.11g/cm ³ (Approx)
Hardness Shore A	DIN 53505	24°
Tensile Strength	DIN 53501 S1 / ISO 37	9N/mm ²
Elongation at Break	DIN 53504 S1	920%
Tear Strength	ASTM D 624 B	26N/mm
Rebound Resilience	DIN 53512	42%
Compression Set (22h / 175°C)	DIN ISO 815-B	33%

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.

ISSUE 1	DATE 16.01.25	ISSUE	DATE	ISSUE	DATE	ISSUE	DATE	ISSUE	DATE	ISSUE	DATE	ISSUE	DATE
CR	APPROVED PJH	CR	APPROVED	CR	APPROVED	CR	APPROVED	CR	APPROVED	CR	APPROVED	CR	APPROVED
Seals+Direct Ltd Unit 6, Milton Business Centre, Wick Drive New Milton, Hants, BH25 6RH, UK Tel: 01425 617722 Web: sealsdirect.co.uk E-mail: sales@sealsplusdirect.co.uk Reg. No 4989100												This information and our technical advice, whether verbal, in writing or by way of trials, is given in good faith but without warranty. This also applies where proprietary rights are involved. Our advice does not release you from the obligations to check its validity and to test our products as to their suitability for the intended use. The storage, application and use of our products are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale. The information contained within this data sheet is subject to change without notice.	
												ORIGINATOR CJM	CREATED DATE 16/01/25