



COMPOUND MATERIAL DATA SHEET

GENERAL OVERVIEW:

A general-purpose compound with good heat stability with an extended temperature range. This compound is naturally translucent and easily pigmented.

FEATURES:

- Resistant to Ozone
- Resistant to Oxidation
- Resistant to Ultraviolet Light
- Resistant to Cosmic radiation
- Resistant to Ionising radiation
- Resistant to Corona Discharge
- Resistant to Weathering in general

PROPERTIES:

PARAMETER	TEST METHOD	TYPICAL VALUE
Temperature Range		-50°C to +260°C
Density at 20°C	ISO 1183-1 A	1.12g/cm ³
Hardness Shore A	DIN 53505	42°
Tensile Strength	DIN 53504 D1 / ISO 37	10.0g/cm ²
Elongation at Break	DIN 53504 S1	580%
Tear Strength	ASTM D 624 B	23N/mm
Rebound Resilience	DIN 53512	56%
Compression Set (22h / 175°C)	DIN ISO 815-B	36%

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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