

M-Cor 50 Shore A

50 Shore A Silicone Compound .
PS-2535

Characteristics

PS-2535 is a peroxide cured silicone compound for extrusion/low temperature molding application. The vulcanizates show excellent flexibility at very low temperature with very good mechanical properties.

Physical Characteristics

Excellent Physical and Mechanical properties

Excellent low temperature flexibility

Storage

PS-2535 should be stored at 25 °C in the originally sealed container. Storage at higher temperatures decreases pot life. The 'Best use before end' date of each batch appears on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Application

PS-2535 is suitable for extrusion/molding processes.

Product Data*

Property	Test Method	Value
Appearance	WSTM-1279	Red
Specific Gravity, 25 °C	ASTM D792	1.40
Hardness, Shore A	ASTM D746	55 to 50
Tensile Strength [psi]	ASTM D2240	9069
Elongation at Break [%]	ASTM D412	387
Tear Strength, die B [ppi]	ASTM D412	101

*Properties obtained by press cured 10 min/121 °C.

Temperature Range: -55° C to 200° C

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