

Product Specification

VUL-CUP[®] 40SI Organic Peroxide Vulcanizing Agent for Silicone Rubber

VUL-CUP[®] 40SI organic peroxide is especially processed to efficiently cross-link silicone rubber. **Vul-Cup[®]** is a highly efficient, scorch resistant, low odor peroxide with broad utility as a vulcanizing agent for elastomers and plastics. Compounds containing **Vul-Cup[®]** may be extruded at higher rates because of the higher decomposition temperatures. Exothermic decomposition begins at approximately 194°F (90°C) and full decomposition occurs within minutes above 362°F (183°C).

Vul-Cup[®] 40SI is a free flowing, off white powder that consists of approximately 40% active bisperoxide supported on Burgess KE Clay. **Vul-Cup[®]** is a mixture of the *para* and *meta* isomers of an *a, a'*-bis(tert-butylperoxy)-diisopropylbenzene.

General Sales Specifications

Assay, Peroxide Content, %	39.5 - 41.5
Fineness (Wet Sieve)	1.0 maximum
Appearance	Free of foreign material

Typical Properties

Specific gravity at 25/25°C	1.5
Bulk density (lb./cu. ft.)	26
	113 - 131 (32 - 38)
Melting point, °F (°C)(a)	
(a) For the Vul-Cup only	

MARKETED BY
**HARWICK STANDARD
DISTRIBUTION CORPORATION**
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