

## AC SPARK PLUG DIVISION

STANDARDIZED TEST DUST

ADJ

Classified from natural Arizona dust. Prepared by the AC Spark Plug Division, General Motors Corporation, Flint, Michigan, U.S.A. Particle size distribution determined with Roller Air Analyzer.

RAW DUST AS RECEIVED - FROM PHOENIX, ARIZONATYPICAL CHEMICAL ANALYSIS

<u>Constituent</u>	<u>Weight %</u>	<u>Constituent</u>	<u>Weight %</u>
SiO <sub>2</sub>	65 - 76	TiO <sub>2</sub>	0.5 - 1.0
Al <sub>2</sub> O <sub>3</sub>	11 - 17	V <sub>2</sub> O <sub>3</sub>	0.10
Fe <sub>2</sub> O <sub>3</sub>	2.5 - 5.0	ZrO	0.10
Na <sub>2</sub> O	2 - 4	BaO	0.10
CaO	3 - 6	Loss on Ignition	2 - 4
MgO	0.5 - 1.5		

STANDARDIZED TEST DUST AS PREPARED1543094 - FINE GRADEPARTICLE SIZE DISTRIBUTION

0 to 5 Microns	39 ± 2%
5 to 10 "	18 ± 3%
10 to 20 "	16 ± 3%
20 to 40 "	18 ± 3%
40 to 80 "	9 ± 3%

PACKAGE PART NO. 1543094 (Jar)

Net Weight: 8 lbs. per jar

1543637 - COARSE GRADEPARTICLE SIZE DISTRIBUTION

0 to 5 Microns	12 ± 2%
5 to 10 "	12 ± 3%
10 to 20 "	14 ± 3%
20 to 40 "	23 ± 3%
40 to 80 "	30 ± 3%
80 to 200 "	9 ± 3%

PACKAGE PART NO. 1543637 (Jar)

Net Weight: 10 lbs. per jar

