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(54) Title: CERAMIC PARTICULATE MATERIAL AND PROCESSES FOR FORMING SAME

(57) Abstract: Ceramic particulate material includes alumina particles, the particles having a specific surface area (SSA) not less than 15 m²/g and not greater than 75 m²/g and a sphericity quantified by at least one of (i) a means roundness not less than 0.710 as measured by Roundness Correlation Image Analysis, and (ii) a concavity less than 20%, wherein concavity is the percent of alumina particles based on a sample of at least 100 particles, which have a concave outer peripheral portion that extends along a distance not less than 10% of d₅₀ by TEM inspection, the concave outer peripheral portion having a negative radius of curvature as viewed from an interior of the particle.



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