

Saint-Gobain Coating Solutions

Technical Bulletin

Saint-Gobain #324, #328, Chromium Oxide

Size Control

#324 Grain code 959245-75mic controlled by Sieves and Sedigraph

#328 Grain code 959115-45mic controlled by Sieves and Sedigraph

Typical Chemical Compositions (%)

Cr ₂ O ₃ + Cr	99.60
SiO ₂	0.13
Fe ₂ O ₃	0.15
free Cr	1.65
Other Oxides	<0.50

Powder Characteristics

Saint-Gobain Chromium Oxide is a fused chromium oxide powder containing less than 4.5% chromium metal. It is black in color and has a blocky shape.

Typical Applications

Saint-Gobain Chromium Oxide is used in wear resistant applications due to resistance to abrasion, corrosion, oxidation, fretting and erosion. It also has a high resistance to acidic and caustic solutions. Typical applications are shafts, pump parts, seals and capstans.

Saint-Gobain #324 is an approved powder for PW 1325 and meets specifications for Honeywell EMS 52432.

Ceramic Materials

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