



Nyacol DP8020 Colloidal Samaria doped Ceria

NNT Colloidal Samaria Doped Ceria

NNT DP8020 is a water based colloidal dispersion of samaria doped ceria. The product is 15-20 nm in average particle and is well suited as a starting material for depositing electrolyte materials or as an additive to ceramic powder dispersions for sintering control and improvement of specific properties.

TYPICAL PROPERTIES

Product,	DP8020
%CeO ₂	19
%Sm ₂ O ₃	4.5
Average particle size (nm)	20
PH, 25 C,	6
Specific Gravity	1.26

APPLICATIONS

Solid oxide fuel cell and catalyst materials

AVAILABLE FORMS

DP8020 is supplied as a water based dispersion.

FOR ADDITIONAL INFORMATION OR TO ORDER MATERIAL

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