

Plansee ITM Intermediate Temperature Metal, Iron-Chromium-(Molybdenum, Titanium and Yttrium Oxide)

Category : Metal , Ferrous Metal

Material Notes:

Iron-based alloy, ITM, contains 26% chromium and a very small amount of yttrium oxide. Characteristics: Can be made gas-tight or porous. Good mechanical stability when exposed to vibration. Corrosion resistant. Good dimensional stability at elevated temperatures. Typical Applications: Solid Oxide Fuel Cells - interconnects and supports. Hydrogen production. Information provided by Plansee.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plansee-ITM-Intermediate-Temperature-Metal-Iron-Chromium-Molybdenum-Titanium-and-Yttrium-Oxide.php

Physical Properties	Metric	English	Comments
Specific Gravity	7.68 g/cc	7.68 g/cc	Calculated

Component Elements Properties	Metric	English	Comments
Chromium, Cr	26 %	26 %	
Iron, Fe	<= 74 %	<= 74 %	

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