

Zircar Ceramics HR-3M Dense Aluminum Oxide Support Rod

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

ZIRCAR Insulation Hanger and Support Rods are high stability dense aluminum oxide components used to support the roof and walls in ZIRCAR Insulation Assemblies and Furnace Insulation Modules. Together they form a strong skeleton which fixes and supports the hot face insulation throughout a furnace. High alumina content plus excellent strength and creep resistance allow them to provide useful support in furnaces operating to 1800°C, (3292°F). Type HR-3 Support Rods are 1/4in. diameter, dense ceramic rods for use in conjunction with Hanger Rods Type HR-2 or as individual supports imbedded within an insulation panel. They are available in two different compositions. Type HR-3M Support Rods are high density tubes of mullite composition. This 80% Al₂O₃ / 20% SiO₂ body provides exceptional strength in most applications. HR-3A Support Rods are 99.8% aluminum oxide for use in applications where chemical attack resistance is of concern. Information provided by Zircar Ceramics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zircar-Ceramics-HR-3M-Dense-Aluminum-Oxide-Support-Rod.php

Physical Properties	Metric	English	Comments
Density	2.60 g/cc	0.0939 lb/in ³	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	80 %	80 %	
SiO ₂	20 %	20 %	

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