

RUFLUX® P Potassium Titanate



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RUFLUX® P welding fluxes are used as constituents in weld rod coatings. They promote arc stability, enhance the bonding characteristics and improve slag mobility resulting in a greater uniformity of the weld.

RUFLUX® Potassium Titanate is also used in friction applications, such as automotive brakes, due to its chemical stability, heat resistance and strength.

TYPICAL CHEMISTRY

RUFLUX® P Potassium Titanate	
Product Number	1014116
TiO ₂ %	75 – 76
Na ₂ O %	–
CaO %	–
K ₂ O %	20 – 22
ZrO ₂ %	0.6
SiO ₂ %	0.9
Fe ₂ O ₃ %	0.5
S %	0.02
P %	.005

Typical Sieve Distribution Percent retained on U.S. Standard Sieves

RUFLUX® P Potassium Titanate	
Screens	1014116
+100	0.01
-100 + 200	1 - 2
-200 + 325	9 - 12
-200	–
-325	86 - 90

NOTE: The statements made herein are based on our research and the research of others, and are believed to be accurate. No guarantee of their accuracy is made and the products discussed are sold without warranty, expressed or implied, and upon the condition that purchasers shall make their own tests to determine the suitability of such products for their particular uses. Likewise statements made concerning the possible uses of these products are not intended as recommendations to use these products in infringement of any patent.