



## Yara Management System

Document type:  
Sales specification

Valid for Organization:  
Colombia

Valid for Location/Facility:  
Colombia

# [Y-FPT104] RAFOS

## 12-24-12-2MgO

DH Code: LDCZG

### Technical Data Sheet / Ficha de Especificaciones Técnicas

| <b>GENERAL SPECIFICATIONS / ESPECIFICACIONES GENERALES</b>                                                                                                                                                                |                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Alternative Names / Otros Nombres                                                                                                                                                                                         | Chemical Complex NPK / <i>Complejo Químico NPK</i>                    |
| Formula / Fórmula                                                                                                                                                                                                         | Don't Apply / <i>No aplica</i>                                        |
| Grade / Grado                                                                                                                                                                                                             | 12-24-12+2MgO+1S+0.04B+0.02Zn                                         |
| Use / Uso                                                                                                                                                                                                                 | Soil Fertilizer / <i>Fertilizante para suelo</i>                      |
| Color / Color                                                                                                                                                                                                             | Grey to brown / <i>Gris a café</i>                                    |
| Appearance / Apariencia                                                                                                                                                                                                   | Granular / <i>Granular</i>                                            |
| Free flowing and free from harmful substances / <i>Fluido y libre de sustancias nocivas</i><br>Treated against caking, free of foreign materials / <i>Tratado contra el apelmazamiento, libre de materiales extraños.</i> |                                                                       |
| <b>Particle Size (mm) / Tamaño de Partícula (mm)</b>                                                                                                                                                                      | <b>Guaranteed Range (% Retained) / Rango Garantizado (% Retenido)</b> |
| P > 4.0 mm                                                                                                                                                                                                                | 0 – 20                                                                |
| 1.0 mm < P < 4.0 mm                                                                                                                                                                                                       | 80 - 100                                                              |
| P < 1.0 mm                                                                                                                                                                                                                | 0 – 20                                                                |

| <b>CHEMICAL ANALYSIS / ANÁLISIS QUÍMICO</b>                                     | <b>TYPICAL / NOMINAL</b> |
|---------------------------------------------------------------------------------|--------------------------|
| Total Nitrogen / <i>Nitrógeno Total (%N)</i>                                    | 12.0                     |
| Ammoniacal Nitrogen / <i>Nitrógeno Amoniacal (% N)</i>                          | 8.88                     |
| Nitric Nitrogen / <i>Nitrógeno Nítrico (%N)</i>                                 | 3.2                      |
| Assimilable Phosphate / <i>Fósforo Asimilable (%P<sub>2</sub>O<sub>5</sub>)</i> | 24.0                     |
| Soluble Potassium / <i>Potasio Soluble (%K<sub>2</sub>O)</i>                    | 12.0                     |
| Magnesium Oxide / <i>Óxido de Magnesio (%MgO)</i>                               | 2.0                      |
| Sulphur / <i>Azufre (% S)</i>                                                   | 1.0                      |
| Boron / <i>Boro (%B)</i>                                                        | 0.04                     |
| Zinc / <i>Zinc (%Zn)</i>                                                        | 0.02                     |
| Moisture / <i>Humedad (%H<sub>2</sub>O)</i>                                     | 2.0 máx.                 |

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