**NOTE**
Always pilot test before adding the product so the allow amount of product would be added.

**PROPERTIES TYPICAL**
Appearance............Gray Powder and Fibers
Density (lb/ft³)........54 Avg (44 Uncompacted /64 Compacted )
Flash Point.............< 200° F (COC)

**APPLICATION**
- 2-10 ppb  As preventative maintenance lost circulation material in drilling fluids
- 15 – 30 ppb as slug treatment

**ADVANTAGES**
- Can reduce the initiation of fracture formation specially in depleted sands
- No adverse effect on rheological or filtration control properties
- Does not plug drilling equipment
- Not classified as hazardous material

**TREATMENT RATE**
- Pre-treat with 2 – 10 ppb in the system as you drill
- Use 2 to 4 ppb for maintenance
- For partial losses send slugs of 10 to 20 ppb
- For complete losses prepare a 20 to 30 ppb sludge pill

**PACKAGING**
25 Lbs Bags (40 Bags / Pallet)

**PRESSURE PLUGGING TEST RESULTS**
The following tables are the results of the RD-220 PPT Evaluation:

<table>
<thead>
<tr>
<th>Ceramic Disks</th>
<th>Oil Base Mud</th>
<th>PPT, Spurt</th>
<th>PPT Fluid Loss, ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>55 μm (60 μm old air porosity measurement)</td>
<td>Oil Base Mud, 16 ppg diesel based</td>
<td>13</td>
<td>41</td>
</tr>
<tr>
<td>15 lb/bbl RD-220</td>
<td>14</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>120 μm (90 μm old air porosity measurement)</td>
<td>Oil Base Mud</td>
<td>14</td>
<td>36</td>
</tr>
<tr>
<td>Ceramic Disks</td>
<td>15 lb/bbl RD-220</td>
<td>12.5</td>
<td>28.5</td>
</tr>
</tbody>
</table>

**Note:**
The information contained on this page is correct to the best of our knowledge, but is intended only as a source of information. The recommendations or suggestions herein are made without guarantee or representation as to results, and we suggest that you evaluate the recommendation contained on this page in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence or otherwise is limited to the purchase price of the material.

P.O. Box 431, Wharton, Texas 77488 / phone (979) 531-1100 / fax (979) 531-8030 / www.primeecogroup.com