

SALES SPECIFICATIONS

Sales Specification No : 34103-0

Effective Date : 09/23/2011

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PRODUCT NAME

Skydrol® PE-5

SPECIFICATIONS

| PROPERTY | LIMITS | TEST METHOD |
|--|---------------|---------------------|
| Appearance: Clear, oily liquid | PASS | ANA-A-AN-G-MIS-343 |
| Color: Purple, comparable to standard | PASS | ANA-A-AN-G-COL-300 |
| AIT (ASTM D2155), °F | 752 MIN | ANA-A-AN-G-AIT-301 |
| Calcium, ppm | 10 MAX | ANA-A-AN-G-ICP-327 |
| Potassium, ppm | 26 - 41 | |
| Sodium, ppm | 10 MAX | |
| Sulfur, ppm | 1185 - 1469 | |
| Chlorine, Total, ppm | 50 MAX | ANA-A-AN-G-POT-303 |
| Flash Point, COC, °F | 320 MIN | EMN-A-AC-G-FLM-2500 |
| Fire Point, COC, °F | 350 MIN | |
| Foam: Seq 1 @ 75°F, collapse time, s | 100 MAX | ANA-A-AN-G-FOA-306 |
| Foam: Seq 1 @ 75°F, tendency, mL | 250 MAX | |
| Foam: Seq 2 @ 200°F, collapse time, s | 50 MAX | |
| Foam: Seq 2 @ 200°F, tendency, mL | 150 MAX | |
| Foam: Seq 3 @ 75°F, collapse time, s | 250 MAX | |
| Foam: Seq 3 @ 75°F, tendency, mL | 450 MAX | |
| Moisture, % | 0.20 MAX | ANA-A-AN-G-POT-329 |
| Neutralization Number, mg KOH/g | 0.10 MAX | EMN-A-AC-G-POT-2502 |
| Particle Cont., 5-15 microns, ct/100mL | 32000 MAX | ANA-A-AN-G-PSA-307 |
| Particle Cont., 15-25 microns, ct/100mL | 5700 MAX | |
| Particle Cont., 25-50 microns, ct/100mL | 1012 MAX | |
| Particle Cont., 50-100 microns, ct/100mL | 180 MAX | |
| Particle Cont., >100 microns, ct/100mL | 32 MAX | |
| Pour Point, °F | -80 MAX | ANA-A-AN-G-MIS-336 |
| Refractive Index @ 25°C | 1.436 - 1.446 | EMN-A-AC-G-RI-2500 |
| Specific Gravity @ 25/25°C | 0.990 - 1.000 | EMN-A-AC-G-DEN-2500 |
| Viscosity @ 100°F, cSt | 9.02 - 10.02 | EMN-A-AC-G-V-2500 |
| Viscosity @ 210°F, cSt | 3.11 - 3.51 | |
| Viscosity @ -15°F, cSt | 130 MAX | |
| Viscosity @ -65°F, cSt | 2000 MAX | |

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Sales Specification available on Eastman.com

For reasons of safety and accuracy, the person performing this procedure must be thoroughly trained and under the supervision of a professional person who is knowledgeable in the relevant science. Equipment and materials described should be used in accordance with safety precautions recommended by their manufacturers. Limits in this specification are applicable only to data obtained by the referenced test method.

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