

Client: Tri-Peek International Ltd
Product: PEEK
Dilution: As received
AMS 1650C

Date: 22-Apr-2008
SMI/REF: 0802-214
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3.2.1 Flash Point: Shall be not lower than 60°C (140°F), determined in accordance with ASTM D 56.

Flash point: None to 141°F

Result Conforms

3.2.2 Viscosity (Type 1 Only): Shall be 50 to 70 Krebs units, determined in accordance with ASTM D 562 at 24°C ±3 (75°F ±5).

Result Not applicable

3.2.3 Corrosion of Metal Surfaces:

3.2.3.1 Sandwich Corrosion: Specimens shall produce a rating not worse than 1, determined in accordance with ASTM F 1110.

| | 2024-T3 Bare Anodized | 2024-T3 Alclad | 7075-T6 Bare Anodized | 7075-T6 Alclad |
|----------------|-----------------------|----------------|-----------------------|----------------|
| PRODUCT | 1 | 1 | 1 | 1 |
| CONTROL | 1 | 1 | 1 | 1 |

Result Conforms

3.2.3.2 Total Immersion Corrosion: Polish shall not cause a weight change greater than 0.3 mg/cm² per 24 hours for any panel of AMS 4045 and AMS 4049 aluminum alloy, determined in accordance with ASTM F 483. The product shall cause no evidence of etching, selective attack, or presence of corrosion products after any time period and only a slight dulling at the end of the test.

AMS 4045: 0.01 mg/cm²/24hrs

AMS 4049: 0.01 mg/cm²/24hrs

Result Conforms