

TECHNICAL DATA SHEET

KYNAR® ADXFLEX 281 POWDER

FLUORINATED COPOLYMER POWDER

KYNAR® ADXFLEX 281 G is a grafted PVDF powder designed for coating metal parts under extremely severe chemical environments. They provide superior protection against corrosion caused by chemical compounds. Please consult Arkema literature for application method and recommendations.

DESIGNATION

PVDF

DELIVERY FORM

- Powder

MECHANICAL PROPERTIES

| 속성 | 값 | 테스트 표준 |
|--|---------|------------|
| Abrasion resistance, Wheel CS 17, load 1 kg, 1000 cycles | 33.5 mg | ISO 9352 |
| Coating impact | 2.5 J/m | ASTM G14 |
| Hardness, Persoz | 207 | |
| Hardness, Shore D | 75 | |
| 속성 | 값 | 테스트 표준 |
| Limiting oxygen index (LOI) | 43 % | ASTM D2863 |
| Melting temperature | 152 °C | ISO 1218 |

OTHER PROPERTIES

| 속성 | 값 | 테스트 표준 |
|--|---------|------------|
| Abrasion resistance | | |
| Specific gravity of coating, 20°C (68°F) | 1.72 | ISO 1183-1 |
| Water absorption, 24h | < 0.1 % | ISO 62 |

SPECIAL CHARACTERISTICS

- Flame & smoke

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