

## TECHNICAL DATA SHEET

# KYNAR® ADFLEX 281 POWDER

## FLUORINATED COPOLYMER POWDER

KYNAR® ADFLEX 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

### MAIN APPLICATIONS

- Powder Coating - Others
- CPI - Others

### DELIVERY FORM

- Powder

## MECHANICAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
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	

## THERMAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Limiting oxygen index (LOI)	43 %	ASTM D2863
Melting temperature	152 °C	ISO 1218

## OTHER PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
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

**Headquarter: Arkema France**  
 420, rue d'Estienne d'Orves  
 92705 Colombes Cedex – France  
 T +33 (0)1 49 00 80 80