KYNAR®

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.

TYPE

PVDF

MAIN APPLICATIONS

- powder coating - others
- cpi - others

DELIVERY FORM

- Powder

MECHANICAL PROPERTIES

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

OTHER PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Specific gravity of coating, 20°C (68°F)	1.72		ISO 1183-1
Water absorption, after 24h at 23°C (73°F) / 50%RH	< 0.1	%	ISO 62

PACKAGING

Available packaging:
- 25 kg / 55 lb bags

SPECIAL CHARACTERISTICS

- Flame & smoke

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