Kynar Flex® 2850 PC

PVDF ARKEMA

Product Texts

Kynar Flex® resins are fluorinated thermoplastic copolymers.

Kynar Flex® 2850 PC resin powder coating is a semi-crystalline copolymer of vinylidene fluoride and hexafluoropropylene.

It has a special particle size making it ideal for spray applied powder coating on metal substrates for abrasion and corrosion protection

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**7.5**	cm³/10min	ISO 1133
Temperature	**230**	°C	-
Load	**3.8**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Yield stress	**35**	MPa	ISO 527
[C] Yield strain	**10**	%	ISO 527
[C] Nominal strain at break	**>50**	%	ISO 527

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**158**	°C	ISO 11357-1/-3
[C] Temp. of deflection under load, 1.80 MPa	**46**	°C	ISO 75-1/-2
[C] Burning Behav. at thickness h	**V-0**	class	IEC 60695-11-10
Thickness tested	**0.8**	mm	-
[C] Oxygen index	**43**	%	ISO 4589-1/-2

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
[C] Volume resistivity	**2E12**	Ohm*m	IEC 62631-3-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Water absorption	**0.03**	%	Sim. to ISO 62
[C] Density	**1780**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Features

Copolymer

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

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