

SUSTAPVDF ESD 60

Polyvinylidene Fluoride
Röchling Sustaplast SE & Co. KG

Message:

- Product characteristics
- Electrically conductive
- High UV resistance
- High chemical resistance
- Typical fields of application
- Explosion protection
- Chemical engineering
- Pump technology

General Information	
Features	Electrically Conductive
	Good Chemical Resistance
	Good UV Resistance

Uses	Engineered Applications
	Pump Parts
	Safety Equipment

Physical	Nominal Value	Unit	Test Method
Density	1.79	g/cm³	ISO 1183
Water Absorption (Equilibrium, 23°C, 50% RH)	0.040	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	79		ISO 868
Ball Indentation Hardness	130	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2
Tensile Stress (Yield)	58.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	7.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature			
-- 1	-20.0 to 140	°C	
-- 2	< 150	°C	
Melting Temperature	178	°C	ISO 11357-3
CLTE - Flow	1.4E-4	cm/cm/°C	DIN 53752
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+4	ohms	IEC 60093

Volume Resistivity	1.0E+4	ohms·cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
3.00 mm	V-0		
6.00 mm	V-0		
NOTE			
1.	Long Term		
2.	Short Term		

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