

SUSTAMID 6 ESD 60

Polyamide 6
Röchling Sustaplast SE & Co. KG

Message:

- Product characteristics
- Electrically conductive
- High UV resistance
- Good sliding properties
- Typical fields of application
- Transportation and conveyor technology
- Mechanical engineering
- Explosion protection

General Information	
Features	Electrically Conductive
	Good UV Resistance
	Low Friction
Uses	Conveyors
	Engineered Applications

Physical	Nominal Value	Unit	Test Method
Density	1.27	g/cm³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	87		ISO 868
Ball Indentation Hardness	198	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3700	MPa	ISO 527-2
Tensile Stress (Yield)	72.0	MPa	ISO 527-2
Tensile Strain (Break)	8.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	222	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+4	ohms	IEC 60093

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