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

Recommended distributors for this material

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