

# Ultramid® A3XZC3 ESD

## ElectroStatic Discharge



Ultramid® A3XZC3 ESD is the first material with an excellent combination of:

- Flammability properties
- Mechanical properties
- Reduced surface resistivity

Suitable for usage in ex-zones



Perfect choice for personal safety equipment



**Ultramid® A3XZC3 ESD offers a wide range of properties that enable its use in ex-zones**

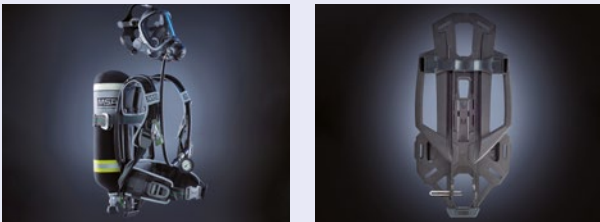
- Electrostatic discharge
- Outstanding flammability properties
- Reduced surface resistivity
- Excellent mechanical properties
- Low density
  - Lighter components with the same mechanical performance
  - Potential cost savings

**Ultramid® A3XZC3 ESD bk 23187**

	Norm	Values
UL Standard	UL-94 IEC 60695	V-0(1.6 mm)
GWFI	IEC 62631-2-12	960 °C (1 mm)
Surface resistivity	IEC 62631-3-2	1.00E+06 Ohm
Tensile modulus	ISO 527-1/-2	10000 MPa
Nom. Tensile strain at break	ISO 527-1/-2	4.0 %
Charpy notched (23 °C)	ISO 179/1eA	65 kJ/m <sup>2</sup>
Charpy notched (-30 °C)	ISO 179/1eA	60 kJ/m <sup>2</sup>
Density	ISO 1183	1190 kg/m <sup>3</sup>

**Perfect choice for personal safety equipment**

■ Firefighting equipment



■ Mining



■ Analytical equipment in ex-zones



For technical queries relating to Ultramid® please contact:



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