

Features

- Material passes UL94 V0
- Best surface & accuracy finish of available fire retardant materials
- Accurate size

Application

- Aerospace applications requiring excellent mechanical strength
- Wire insulation
- Parts around the vehicle engine

Specification

Mechanical properties	Test method	Metric
Part Color	Visual	Ash Black
Density	DIN 53466	0.24 g/cm ³
Elongation at break	ASTM D638	10 %
Flexural Strength	ASTM D790	53 MPa
Flexural Modulus	ASTM D790	1,462 MPa
Heat Deflection Temperature 0.45Mpa	ASTM D648	188 °C
Heat Dedflexion Temperature 1.82Mpa	ASTM D648	120 °C
Tensile Strength	ASTM D638	38 MPa
Tensile Modulus	ASTM D638	2,077 MPa
IZOD Impact Strength with notch	ASTM D256	30 J/M
IZOD Impact Strength without notch	ASTM D256	221 J/M

Note: 1. The above parameters based on specified test method and heating energy might not be achieved with different conditions.
 2. 15% deviation of test result might happen on different testing platform.
 3. The above data are subject to update without prior notice.



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