Technical Data Sheet

Polystone® M flame retardant - ASTM

PE-UHMW / PE 1000

Typical characteristics

- Flame retardant
- Self-extinguishing
- Antistatic
- High temperature resistance

Typical industries

- Bulk Material Handling

	Test method	Unit	Guideline value
General properties			
Carbon Black Content	ISO6964	%	n/a
Thermal properties			
Melting Point		°F	266-275
Maximum Service Temperature, Air		°F	180
Coefficient of Linear Thermal Expansion	ASTM D696	in/in/°F x10^{-4}	2
Electrical properties			
Volume Resistivity	ASTM D257	Ωcm	>10^{15}
Dielectric constant	ASTM D150	1MHz	2.3
Surface resistivity	ASTM D257	Ω/cm	>10^{12}
Compliance properties			
MSHA Approved for underground mining			Yes

The data stated above are average values ascertained by statistical tests on a regular basis. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale.