



CELSTRAN® PPS-SF6-01 AF3005 Natural CELSTRAN® Long Fibre

Celstran PPS-SF6-01 is a 6% long stainless fiber Polyphenylene Sulphide. This material imparts excellent static dissipative properties. Celstran stainless steel long fiber products provide much greater levels of conductivity than that of short fiber stainless materials.

Product information

Resin Identification	PPS-LMEF(x)6	ISO 1043
Part Marking Code	>PPS-LMEF(x)6<	ISO 11469

Typical mechanical properties

Tensile modulus	4180	MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	47	MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	1.2	%	ISO 527-1/-2
Flexural modulus	4190	MPa	ISO 178
Flexural strength	130	MPa	ISO 178
Charpy notched impact strength, 23°C	1.3	kJ/m ²	ISO 179/1eA
Poisson's ratio	0.36 ^[C]		

[C]: Calculated

Physical/Other properties

Density 1410 kg/m³ ISO 1183

Characteristics

Processing Injection Moulding

Delivery form Pellets
Additives Nucleated

Special characteristics Increased electrical conductivity, Static dissipative, Heat stabilised or stable to heat

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