

MACPEG

SOIL PEGS WITH HIGH STRENGTH RESTRAINING TIP

MacPeg is manufactured from nylon to form a light and stiff peg used to anchor biodegradable/permanent erosion control blankets and turf reinforced mats to soil slopes. The specially designed tip ensures that once installed, the peg will not easily pullout, thereby securing the blankets and mats to the ground allowing for intimate contact with the soil.

DESCRIPTIVE PROPERTIES				
	Test Method	Unit	Typical Value	
			Dry	Conditioned
Polymer - PA6				
Density	Sim. to ISO 62	kg/m ³	1130	-
Water absorption	Sim. to ISO 62	%	10	-
THERMOPLASTIC PROPERTIES				
	Test Method	Unit	Typical Value	
			Dry	Conditioned
Melting Temperature	ISO 11357-1/3	°C	220	-
Temperature of deflection under load (1,8MPa)	ISO 75-1/2	°C	65	-
Temperature of deflection under load (0,45MPa)	ISO 75-1/2	°C	185	-
MECHANICAL PROPERTIES				
	Test Method	Unit	Typical Value	
			Dry	Conditioned
Tensile Modulus	ISO 527-1/2	MPa	3500	1700
Yield Stress	ISO 527-1/2	MPa	90	60
Yield Strain	ISO 527-1/2	%	3,5	20
Charpy Notched Impact Strength (+23°C)	ISO 179/1eU	kJ/m ²	8	35
Charpy Notched Impact Strength (-30°C)	ISO 179/1eU	kJ/m ²	5	5
Shear Strength of Restraining Tip	ISO 527-1/2	kN	>1,6	-

The results above represent laboratory averages and are indicative only.

MacPegs are available in 200mm and 300mm length.

Choosing the right product for the correct application is the responsibility of the client. The choice of peg is dependant on various site conditions e.g. depth of loose soil, slope angle, slope topography.



