



BASALT CHOPPED STRANDS SPECIFICATION SHEET

BCS

SPECIFICATIONS	BCS-6	BCS-12	BCS-18	BCS-25	BCS-50
Diameter (μ)	7, 13, 15, 22	7, 13, 15, 22	7, 13, 15, 22	7, 13, 15, 22	7, 13, 15, 22
Length (mm)	6	12	18	25	50
Max. moisture content (%)	0,5	0,5	0,5	0,5	0,5
Max. non-chopped fibers (%)	5	5	5	5	5
Silane sizing content (%)	0,4	0,4	0,4	0,4	0,4

IND. STRAND SPECIFICATIONS	VALUES
Density (g/cm ³)	2,8
Tensile strength (MPa)	4,400-4,800
Modulus of Elasticity (GPa)	90-110
Elongation at break (%)	3,1
Max. service temperature (°C)	650

- 1) Excellent for fiber reinforced concrete applications.
- 2) Excellent for fiber reinforced plastic applications.
- 3) Excellent resistance to radiation.
- 4) High chemical resistance to acids and alkalis.
- 5) Low moisture absorption.