

## ABOSN FQ UHMWPE 1000 Fender pad Date sheet

Item	Test method	Unit	UHMWPE 1000-V	UHMWPE 1000-DS
Density	ISO1183-1	g/cm <sup>3</sup>	0.93-0.95	0.95-0.96
Yield Strength	ASTM D-638	N/mm <sup>2</sup>	15-22	15-22
Breaking Elongation	ISO527	%	undefined200%	undefined100%
Impact strength	ISO179	Kj/m <sup>2</sup>	130-170	90-130
Abrasion	ISO15527	Steel=100	80-110	110-130
Shore Hardness	ISO 868	Shore D	63-64	63-67
Friction Coefficient(Static state)	ASTM D-1894	Unitless	undefined0.2	undefined0.2
Operating temperature	-	°C	-80 to +80	-80 to +80

### Notice to users:

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