

DOCK BUMPER – PE1000

-Technical Data Sheet-

Item	Test Method	Reference Range	Unit
Density	ISO 1183-1:2012	0.92-0.98	g/cm ³
Compression Strength	ISO 604:2002	≥30	Mpa
Tensile Strength	ISO527-2:2012	≥24	Mpa
Elongation at break	ISO527-2:2012	≥280	%
Dynamic Friction coefficient	ASTM D 1894	≤0.20	/
Notched impact strength(Charpy)	ISO179-1:2010	≥100	kJ/m ²
Vicat softing point	ISO306:2004	≥80	°C
Hardness Shore-D	ISO 868:2003	60-70	D
Water absorption	ASTM D 570	≤0.01	%
Flammability	UL94	HBclass	/
Coefficient of linear thermal expansion	/	0.15	10 ⁻⁵ K ⁻¹
Melting Temperature	ISO11357	135	°C
Heat Conductivity Coefficient 23°C	INTERNAL METHOD	0.04	W/(m-k)
Service temperature, Long term	INTERNAL METHOD	80	°C
Service temperature, Minimum	INTERNAL METHOD	-260	°C
Heat deflection temperature (HDT) 1.8MPa	ISO75	42	°C
Volume resistivity	IEC 60093	1E+12	Ω.cm
Surface resistivity	ANSI/ESD STM11.11	1E+12	Ω
The information contained in this document is based on the manufacturer's official technical documentation.			


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