



TECHNICAL SPECIFICATION

Product	Traditional studs/captive fasteners		
Composition	Type 6 Nylon Graft Copolymer (Duralon 404B)		
Colour	White		
Part Number	PB4		
Drawing Number	BE-24-002		
General Description	Co-polymerisation of nylon results in a polymer structure exhibiting varying levels of toughness and flexibility combined with excellent thermal and chemical resistance properties provided by the nylon backbone. Duralon 404B exhibits the highest impact performance while maintaining an excellent balance of strength, stiffness and superb retention of impact at cold temperatures. The batch is mixed with 1.5% UV stabilisers.		
Electrical Properties	Value	Units	Standard
Initially tested to	4000	Volts	-
Mechanical Properties	Value	Units	Standard
Tensile strength	58	Mpa	ASTM D-638
Flexural strength	86	Mpa	ASTM D-790
Flexural Modulus	2350	Mpa	ASTM D-790
Notched Izod Impact	550	J/m	ASTM D-256
Specific Gravity	1.1	-	ASTM D-792
Thermal Properties	Value	Units	Standard
Melting Point	215	Degrees Celsius	ASTM D-789
Flammability	94	HB	UL94