

DURETHAN® AND POCAN® APPLICATIONS WITH FLAME RETARDANCE

					Circuit breakers	Low-voltage switchgear	Terminal blocks	Electric components	Plug connectors	Industrial plugs and sockets	Electric motors	Sensors	Photo-voltaics	Lighting technology	Electrical household appliances	Rail vehicles	Electric tools	Automotive E&E
		Brief description	Flame retardance	UL94	GWIT ≥ 775													
Durethan® A																		
non-reinforced	A30SFN31	PA 66 FR	halogen-free	V-0/0.4 mm		o	+		o		o		o		o	+		o
	A30SF30 ¹	PA 66 FR	contains halogens	V-0/0.4 mm	■				o		o				+	o		
	DP2801	PA 66 FR	halogen-free	V-2/0.75 mm				o	o					o	+			o
reinforced	DP2802/30	PA 66 GF30 FR	halogen-free	V-2/0.75 mm	■				o						+			o
	AKV25F30	PA 66 GF25 FR	contains halogens	V-0/0.4 mm	■			+	o	o	+	o	o		+		+	o
	AKV25FN00	PA 66 GF25 FR	halogen-free	V-0/0.4 mm	■	+	+	+	o	+	+	o	o		o	+	o	+
	AKV30FN04	PA 66 GF30 FR	halogen-free	V-0/0.4 mm		+	+	+	o	+	+	o	+		o	+	o	+
Durethan® B																		
non-reinforced	B30S ²	PA 6	halogen-free	V-2/0.4 mm				o	o	+	o							o
	B30SF30	PA 6 FR	contains halogens	V-0/0.4 mm	■				o		o				+			o
	B30SFN30	PA 6 FR	halogen-free	V-0/0.4 mm	■		o		o		o				o	+		+
	B30SFN40	PA 6 FR	halogen-free	V-2/0.4 mm	■				o					+	o			
reinforced	BKV25F30	PA 6 GF25 FR	contains halogens	V-0/0.4 mm	■				o		+		+		+	o	o	o
	BKV20FN20	PA 6 GF20 FR	halogen-free	V-2/0.75 mm	■	+	o	o	o				o		o			
	ECOBKV20FN20	PA 6 G20 FR	halogen-free	V-2/0.75 mm	■	+	o	o	o				o		o			
	BKV25FN27	PA 6 G25 FR	halogen-free	V-2/0.75 mm		+	o						o	o				
	BM25FN20	PA 6 MD25 FR	halogen-free	V-2/0.75 mm		+												
	BKV25FN01	PA 6 GF25 FR	halogen-free	V-0/0.75 mm	■	+	+	+	+	+	+	o	+		o	+		+
	BKV30FN04	PA 6 GF30 FR	halogen-free	V-0/0.75 mm		o	o	o	+		+		+					+
	BKV45FN04	PA 6 GF45 FR	halogen-free	V-0/0.4 mm		o	+		o		+	o	o				o	+
	BG30FN05	PA 6 G30 FR	halogen-free	V-0/0.4 mm	■				o				o		+	o		
	BG30XF30	PA 6 (GF+GB)30 FR	contains halogens	V-0/0.75 mm	■				o					o		+		
	BG30XFN01	PA 6 (GF+GB)30 FR	halogen-free	V-0/0.75 mm					o					+				
	DPBM65XFM30	PA 6 (GF+MD)65 FR	contains halogens	V-0/0.75 mm		+	+		o								+	
Pocan®																		
non-reinforced	B2505	PBT FR	contains halogens	V-0/0.75 mm	■			o	+		o			o	o			o
	KU2-7503/1	PBT FR	contains halogens	V-0/0.4 mm	■				+					o	o			o
	BFN2502	PBT FR	halogen-free	V-0/0.4 mm			+	o	o			o						
	B2004	PBT FR	halogen-free	V-2/0.75 mm					+	o					o			o
	DPCF2200	(PBT+PC) FR	contains halogens	V-0/0.75 mm						+				o	o			
	S7020	PBT FR	contains halogens	V-0/1.5 mm				o	o					+				o
	S7926	PBT FR	contains halogens	V-0/1.5 mm	■					+					o			
	reinforced	BF4215	PBT GF12 FR	contains halogens	V-0/0.4 mm		o		o	+	o	o			o			
BF4225		PBT GF20 FR	contains halogens	V-0/0.4 mm		o		o	+	o	o			o				o
BFN4221		PBT GF20 FR	halogen-free	V-0/0.4 mm	■			o			+	+	o	o	+	o		+
BF4235		PBT GF30 FR	contains halogens	V-0/0.4 mm		o		+	+	o	+		o	o	o	o		o
BF4232		PBT GF30 FR	contains halogens	V-0/0.75 mm	■			+	o	+	+		o	o	o			o
BF4232HR		PBT GF30 FR	contains halogens	V-0/0.4 mm		o				+	o							+
BFN4231		PBT GF25 FR	halogen-free	V-0/0.4 mm		o	o	+	o		+	+	+	o		+		+
DPBFN4230		(PBT+PET) GF30 FR	halogen-free	V-0/0.75 mm	■	o	o		o				+		+	+		o
AF4130		(PBT+ASA) GF30 FR	contains halogens	V-0/0,75 mm								+		o				+

¹ commercially available under TP850-041

² contains no flame retardance

+ targeted application

o extended application

DURETHAN® AND POCAN® APPLICATIONS WITHOUT FLAME RETARDANCE

Connectors	Industrial plugs and sockets	Electric motors	Lighting technology	Electrical household appliances	Electric tools	Automotive E&E
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		Brief description					
Durethan® A							
non-reinforced	AC30	PA 66		o	o		+
reinforced	AKV30	PA 66 GF30	o		+	o	o
	AKV50	PA 66 GF50	o		o	o	+
Durethan® B							
non-reinforced	B30S	PA 6		+	o	o	
reinforced	BKV30	PA 6 GF30	o		o		+
	BKV60XF	PA 6 GF60			+	o	o
	BG30X	PA 6 (GF+GB)30			o		+
Pocan®							
non-reinforced	B1505	PBT	+	o		o	o
	B1205XF	PBT	+				o
	DPC1502	(PBT+PC)	o	+			
reinforced	B3235	PBT GF30	o		+	o	o
	B3225XF	PBT GF20	o		o	o	+
	C3230XF	(PBT+PC) GF30				o	+
	A3131	(PBT+ASA) GF30			o	o	o
	T7331	(PBT+PET) GF30				+	o
	T7141	(PET+PBT) (GF+MD)40			o	+	

+ targeted application
o extended application

DURETHAN® AND POCAN® LED'S AND INCREASED THERMAL CONDUCTIVITY

Sensors	Lighting technology	Automotive E&E
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		Brief description		Conductive (in plane / th. plane)	Reflectivity at 450 nm in %	Flame retardance	Sensors	Lighting technology	Automotive E&E
PCT									
reinforced	TP555-911	PCT (GF+MD) 50		94	-		+		o
	TP555-912	PCT MD50		95.5	-		+		o
	TP555-991	(PCT+PET) (GF+MD) 50		93	-		+		o
	TP555-992	(PCT+PET) MD45		95	-		+		o
Pocan®									
reinforced	B7318	PBT MD17		94	-		+		o
	BFN6410	PBT MD17 FR		94	halogen		+		
	T7245	PET (GF+MD) 45		90	-		+		o
Durethan® B									
reinforced	BTC65H3.0EF	PA 6 MD65		1.3 / 1.0	-	o	+		o
	BTC75H3.0EF	PA 6 MD75		1.7 / 1.4		o	+		o
	TP723-620	PA 6 MD68 FR		2.5 / 1.4	x	halogen	o	+	

+ targeted application
o extended application

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