

MATERIAL SURVEY

Short Designation	Chemical Designation	Brand Name	Supplier	UL-Certificate No.	self-extinguishing properties acc. UL 94	glow wire test			comparative tracking index CTI acc. IEC 60112	insulation class acc. IEC 85	Notes
						IEC 695-2-1	IEC GWIT	IEC GWFI			
PA 6	Nylon 6 (B-Polyamide)	Durethan BKV 30H 3.0	Lanxess	E 245249 12.12.2012	94-HB	700 (0,80)	750 (0,75)	700 (0,75)	475	B (130°)	②
		Durethan BG30 X	Lanxess	E 245249 30.11.2012	94-HB	650		650 (2,0)	400	B (130°)	①
		Zytel 73G30L	Du Pont	E 41938 10.03.2004	94-HB	700			400	B (130°)	②
		Bergamid B700G/Gk30	Poly One	E 76261 15.11.2013	94-HB	650			500	B (130°)	①
PA 4.6	Nylon 4.6	Stanyl TW 200 F6	DSM	E 47960 29.05.2013	94-HB				300		
PA 6.6	Nylon 6.6 (A-Polyamide)	Durethan AKV 30H 3.0	Lanxess	E 245249 12.12.2012	94-HB	650 (0,80)	725 (0,75)	700 (0,75)	500	B (130°)	②
		Ultramid A3X2G5	BASF	E 41871 26.06.2015	94-V0 (0,81)	960	725 (0,82)	960 (0,82)	550	B (130°)	②
		Ultramid A3X2G7	BASF	E 41871 04.03.2013	94-V0 (0,75)	960	775 (0,75)	960 (0,75)	600	B (130°)	②
		Bergamid A700G30H	Poly One	E 76261 05.12.2012	94-HB	650			500	B (130°)	
PA 6.6/6	Nylon 6.6/6 (Copolymer)	Zytel FR 72G25 V0	Du Pont	E 41938 18.05.2015	94-V0 (0,50)	960			325	B (130°)	②
PBT	Polybutylene-terephthalate	Ultradur B4300G6	BASF	E 41871 15.01.2015	94-HB	650			375	B (130°)	②
		Amite TV4 261	DSM	E 47960 30.11.2011	94-HB	650			400	B (130°)	②
		Pocan B 4239	Lanxess	E 245249 20.05.2016	94-V0 (0,8)	960	725 (0,8)	960 (0,8)	275	F (155°)	②
		Crastin SK645FR	Du Pont	E 41938 12.03.2014	94-V0 (0,75)	960			250	F (155°)	②
PET	Polyethylene-terephthalate	Rynite FR 530L	Du Pont	E 41938 25.06.2015	94-V0 (0,35)	960	800 (0,75)	960 (0,75)	250	H (180°)	②
PPS	Polyphenylensulfide	Fortron 1140 L4	Celanese	E 107854 04.11.2011	94-V0 (0,38)	960			125	200 (200°)	
LCP	Liquid crystal polymer	Vectra E130i	Celanese	E 83005 06.07.2015	94-V0 (0,38)	960			175	220 (220°)	
PEEK	Polyetheretherketone	Victrex 150 GL 30	Victrex	E 161131 19.12.2012	94-V0 (0,75)	960		960 (2,0)	150		

These informations and datas are taken from the recently available documents of the respective supplier.

- ① Material for boxes
- ② UL-tested Insulationsystems acc. UL-1446 / IEC 85 are available from the supplier for these materials.

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