TECHNICAL INFORMATION

Polidan® EC series

XLPE

crosslinkable PE compounds for W&C applications

padanaplast®
EXCELLENCE IN COMPOUNDING

Polidan® EC series consists of polyethylene based silane crosslinkable compounds for wire and cable insulation, curable by addition of a catalyst masterbatch and exposure to moisture (Sioplas® method). Polidan® PNT special grades also available for potable water contact applications.

Polidan® EC series compounds comply with RoHS requirements.

grade	density (g/cm^3)	M.F.R. @190°C (g/10')	IEC 60502 XLPE	IEC 60092-360	BS 7655 GP8	VDE 0276 2XI1	HD 604 2XI1	NF C 33-209	HD 626 S1 TX2	HD 626 S1 TX3	HD 626 S1 TX4	HD 626 S1 TX5	HD 626 S1 TX8	EN 50363-1 EI4	EN 50363-1 EI6	EN 50363-1 EI7	IEC 60092-360 EPR	description
Polidan® EC/MD	0.94	0.44 (5.0 kg)	■	■	■	■	■	■	□	■	□	■	■					medium density grade for signal and power cables up to 10 kV; also suitable for L.V. distribution stranded aerial cable used with Catalyst F/AC
Polidan® EC/51	0.90	0.35 (2.16 kg)	■	■	■	■	■											very low density and flexible grade; for signal and power cables up to 3.6 kV; enhanced crosslinking performances
Polidan® EC/110	0.92	0.70 (2.16 kg)	■	■	■	■	■											standard grade for signal and power cables up to 3.6 kV
Polidan® PNT 0553/23	0.90	0.40 (2.16 kg)												■				special grade for potable water contact; general purpose application; to be used with Catalyst CT 0552/09
Polidan® PNT 0856/35	0.88	0.30 (2.16 kg)												■	■	■	■	special grade for potable water contact; enhanced flexibility and higher thermal resistance; to be used with Catalyst CT 0552/09

■ suggested □ applicable

Verify commercial availability and registration status in each country with local sales representative

Safety Data Sheets (SDS) are available by emailing us or contacting your sales representative. Always consult the appropriate SDS before using any of our products.

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