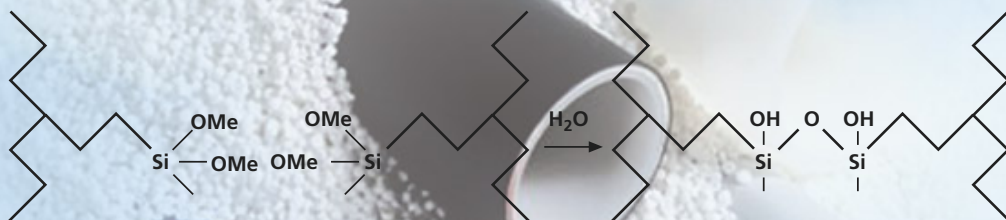


POLIDAN® PEX

Crosslinked Polyethylene

for Pipe and Fitting applications

Crosslinking



What is PEX?

PEX means crosslinked polyethylene, where the polyethylene chains are connected by covalent bonds into a three dimensional network. The crosslinking increases the mechanical and chemical properties of the PE.

Advanced performance of crosslinked PE (PEX) compared to thermoplastic polyolefin solutions

- Thermal and ageing stability
- Increase in low temperature impact strength
- Environmental Stress Crack Resistance
- Rapid Crack Propagation
- Chemical and chlorine resistance
- Higher pressure strength at high temperature
- Abrasion resistance

POLIDAN® PEX System

Silane cross-linkable HDPE compound ready - to - use

Main applications:

- ◆ Plumbing & Heating
- ◆ Geothermal & District heating
- ◆ Industrial
- ◆ Offshore & Onshore
- ◆ Gas distribution
- ◆ Engineering systems
- ◆ Injection Moulding

Grade	Density	MFR _{190/5}	MFR _{190/2.16}	Process
	ASTM D 792 [g/cm ³]	ISO 1133 [g/10min]	ISO 1133 [g/10min]	
POLIDAN T/A-HF	0,942	1,70	0,50	Extrusion
POLIDAN T/A-LX	0,945	1,50	0,40	Extrusion
POLIDAN T/A	0,948	0,50		Extrusion
POLIDAN T/A-SL	0,949	2,40	0,60	Extrusion
POLIDAN T/A-XT	0,949	2,50	0,70	Extrusion
POLIDAN TUX 100	0,953	1,30		Extrusion / Injection Moulding
POLIDAN T/A-LV	0,955	5,50	1,50	Extrusion
POLIDAN SI 20	0,956	9,50	2,80	Injection Moulding

Solvay
Padanaplast

www.padanaplast.com
info.padanaplast@solvay.com



a Passion for Progress®