GETILAN ATP/130

Crosslinked Polyethylene

Crosspolimeri S.p.A.

Message:

GETILAN is the trade-mark of our crosslinkable polythene.
GETILAN ATP/130 GRAFTING is a high density chemically crosslinkable polythene to produce relatively flexible hoses suitable for hydro-thermosanitary features and also for potable water conduction.
It is a conveniently grafted polythene able to react in presence of moisture and of catalyst. We normally suggest our type MAC/100 PSF.
REACTION BETWEEN GRAFTING AND CATALYST:
These two polythenes, separately stored, must be mixed before starting extrusion in the ratio:
GRAFTING/CATALYST 95/5

General Information	
Features	High density Crosslinkable
Uses	Piping system
Agency Ratings	DIN 16892
Forms	Particle
Processing Method	Pipeline extrusion molding Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.948	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.50 - 3.0	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	24.0	MPa	IEC 60811
Tensile Strain (Break)	370	%	IEC 60811
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	123	°C	ASTM D1525
Service Temperature	-60 - 100	°C	
Pressure Test			
95°C [1]	Pass		
95°C [2]	Pass		
Extrusion	**Nominal Value**	**Unit**	
Cylinder Zone 1 Temp.	170	°C	
Cylinder Zone 2 Temp.	175	°C	
Cylinder Zone 3 Temp.	180	°C	
Cylinder Zone 4 Temp.	190	°C	
Cylinder Zone 5 Temp.	200	°C	

Die Temperature	220	°C

Extrusion instructions
CROSSLINKING:Crosslinking of the finished product is obtained by: Immersion of the bobbin into hot water at 85/90°C for two hours (up to 3 mm thickness). Steam treatment at 0.15 bar for 5/6 hours.

NOTE	
1.	1 hr, 4.8 MPa
2.	1000 hr, 4.4 MPa

Recommended distributors for this material

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WECHAT