

# PIPES FOR PUMPING



## PROFESSIONAL PVC PIPES FOR PUMPING

### CHARACTERISTICS



- Strong and durable.
- Light installation and handling.
- Freestanding (No need to cable tie).
- Low load loss.
- Anticorrosive even in extreme PH waters.
- Unions without accessories.

TABLE OF TECHNICAL CHARACTERISTICS AND REGULATORY REQUIREMENTS

Characteristics	Uni.	UNE 53112	CEN 155 W 019
Density	Kg/m <sup>3</sup>	1350 to 1460	1350 to 1460
VICAT Softening Temperature	°C	>79	>80
Water Absorption	gr/m <sup>2</sup>	50	
Performance in the Heat	%	>5	>5
Resistance to Impact			
Fault at 0°C	%	>5	>5
Fault at 20°C	%	>5	>5
Resistance to Mpa Traction	>49		
Ductile Yield	%	>80	
Resistance to Internal Pressure			Dn Dn
At 20°C during 1 h.	Mpa	4,2 Pn	<90 <90
At 20°C during 100 h	Mpa	3,5 Pn	4,2Pn 3,35Pn
At 20°C during 1000 h	Mpa	1,0 Pn	3,5Pn 2,80Pn
Degree of Gelification 15°30'			1,25Pn 1,0Pn
Tangential Tension Ss	Mpa	10	
Short-term Elastic Modulus Mpa	3.000		



TABLE OF DIMENSIONS

Diameter	Thickness (mm)	Length (mm)	Weight (Kg)	Service Pressure	Tensile Strength
42 x 32	5	300	2,8	30 Kg	3.200
48 x 38	5	300	3,4	30 Kg	3.900