



Product	AENOR certification according to	Specific Rules (RP)	Tests
Multilayer piping systems for hot and cold water installations inside buildings	UNE-EN ISO 21003	01.71	Pipes <ul style="list-style-type: none"> <li>Resistance to internal pressure</li> <li>Adherence by tensile</li> <li>Durability</li> <li>Adhesion of the different layers using a pulling rig</li> <li>Oxidation induction time</li> <li>Determination of the degree of crosslinking by solvent extraction</li> <li>Opacity</li> <li>Melt flow index</li> </ul>
			Fittings and system <ul style="list-style-type: none"> <li>Chemical composition (metal)</li> <li>Melt flow index</li> <li>Resistance to internal pressure</li> <li>Leaktightness under vacuum</li> <li>Resistance to pull-out constant longitudinal force</li> <li>Temperature cycling</li> <li>Pressure cycling</li> </ul>
Plastics piping systems for hot and cold water installations (PEX, PP-R, PB, PVC-C, PE-RT, PP-RCT, PP-R+ FV, PE-RT+FV, PP-RCT+FV)	PEX: UNE-EN ISO 15875 PP-R & PP-RCT: UNE EN ISO 15874 PB: UNE-EN ISO 15876 PVC-C: UNE-EN ISO 15877	01.52	Pipes <ul style="list-style-type: none"> <li>Opacity</li> <li>Longitudinal reversion</li> <li>Pendulum impact strength the Charpy method (PP-R, PP-RCT y PE-RT+FV)</li> <li>Impact resistance (PP-R+FV)</li> <li>Melt flow index</li> <li>Resistance to internal pressure</li> <li>Thermal stability</li> <li>Determination of the tensile strenght (PVC-C)</li> <li>VICAT softening temperature (PVC-C)</li> <li>Content of fiber glass (PP-R+FV;PE-RT+FV)</li> </ul>
	PE-RT: UNE ISO 22391	01.67	Fittings and system <ul style="list-style-type: none"> <li>Resistance to internal pressure</li> <li>Opacity</li> <li>Leaktightness under internal pressure of assemblies subjected to bending</li> <li>Leaktightness under vacuum</li> <li>Resistance to pull-out under constant longitudinal force.</li> <li>Temperature cycling</li> <li>Pressure cycling</li> <li>Melt flow index</li> </ul>
	PP-R + FV: Technical specification RP 01.72 (Conformity certificate)	01.72	
	PE-RT+FV: Technical specification RP 01.77 (Conformity certificate)	01.77	
	PP-RCT+FV: Technical specification RP 01.78 (Conformity certificate)	01.78	
Floor heating systems	UNE-EN 1264	01.64	<ul style="list-style-type: none"> <li>Verification of theoretical calculation and thermal tests</li> </ul>
Batteries and collectors of polyethylene (PE) and polypropylene random (PP-R) with heat sealed seams for centralized water meters	UNE 53943	01.68	<ul style="list-style-type: none"> <li>Leaktightness</li> </ul>