



SABIC® VESTOLEN P 9421 66408 GREEN

PP RANDOM COPOLYMER

DESCRIPTION

This random copolymer has a high molecular weight with special designed properties required for high demanding pressure pipes. It is highly heat stabilised and especially formulated for extraction resistance. This grade with long service life is used for the manufacturing of cold and hot water pipes and fittings for transport of drinking water. This grade fulfills the requirements in EN ISO 15874, ISO 3213, DIN 8078 and DIN 8077. It also complies with German regulations for materials in contact with water intended for human consumption (BGA requirements and KTW recommendations).

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL PROPERTIES			
Tensile test			
tensile modulus ⁽⁰⁾ ⁽⁰⁾ ⁽⁰⁾ ⁽⁰⁾ ⁽¹⁾ ⁽⁰⁾	900	MPa	ISO 527-2 1A
stress at yield ⁽²⁾ ⁽⁰⁾	28	MPa	ISO 527-2 1A

(1) Speed of testing: 1 mm/min

(2) Speed of testing: 50 mm/min