

Product Texts

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). Health, Safety and Food Contact regulations: Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site <http://www.SABIC-europe.com> The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/ medical applications. IMDS 80775790

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	900	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	13	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Shore D hardness	63	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	129	°C	ISO 306
Vicat softening temperature, B	68	°C	ISO 306

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Features

Copolymer

Certifications

Food contact, Drinking water contact, Drinking water contact KTW