

TECHNICAL DATA SHEET

POLYETHYLENE PIPE

PRODUCT DESCRIPTION:

Thermaflex ZZ is a polyolefin foam is produced in a extrusion process. Thermaflex ZZ is based on polyolefin polymers and physically foamed with an organic foaming agent. The foaming agent is known as non depleting substance to the ozone layer.

PROPERTIES	TEST METHOD	DATA
Density	ASTM D 1667	28-38 kg/m ³
Cell Structure	-	Closed
Colour		Grey
Thermal Conductivity (λ)	DIN 52613	0,050 W/mK at 40 °C
Temperature Range	-	From -80 °C to +95 °C
Water-vapour diffusion resistance (μ)	DIN 52615	$\mu > 3.500$
Odour	-	Neutral
Smoke emission	-	At total burn-up 99% CO ₂ and H ₂ O
Toxicity in Fire	-	None
Water Absorption	DIN 53 434	After 7 days <1,05 % After 28 days <2%