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TECHNICAL DATA SHEET

ISOPLAS P471

MECHANICAL

PHYSICAL PROPERTY	TEST METHOD	UNITS	VALUE
Density	ISO 1183	g/cm ³	0.945
Tensile Strength at Yield	ASTM D638	MPa	22.0
Elongation at Break	ASTM D638	%	200
Modulus of Elasticity	ASTM D638	MPa	780

THERMAL

PHYSICAL PROPERTY	TEST METHOD	UNITS	VALUE
Melt Flow Index (190/5)	ISO 1133	g/10 min	0.30
Vicat Softening Point	ASTM D1525	°C	126
Specific Heat	ISO 11357	kJ/kg.°C	2.0
Thermal Conductivity	ASTM D5930	W/m.°C	0.43
Coefficient of Linear Expansion (20°C)	ASTM D696	per °C	1.3 x 10 ⁻⁴

Isoplas P471 has been developed for use in alupex pipes.

The information given above is typical for the material. It should only be used for the purpose of comparison and does not guarantee performance under end use conditions.



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