

## Properties & Specification of RAKtherm PE-X Material

Properties	Test Method	Value	Unit
Density	ISO 1183	0.942	g/cm <sup>3</sup>
Melt Flow Rate(MFR) 190°C/5Kg	ISO 1133	1.7	g/10 minutes
Tensile Strength	ASTM D638	>20	MPa
Elongation at Break	ASTM D 638	>400	%
Tensile Modules	ASTM D 638	670	MPa
Thermal Conductivity at 23°C	DIN 52612	0.46	W/mK
Specific Heat at 23°C	Calorimeter	1.92	J/gK
Gel Content	DIN EN 579	>65	%
Coefficient Of linear Expansion at 20°C	ASTM D 696	1.9 x 10 <sup>-4</sup>	1/°C