

Properties & Specification of PROpex PE-X Material

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