

SL188

Description

For PE-Xa pipe by RAM extrusion(powder shape)
Excellent long-term hydrostatic strength & crosslinking property

Application

Peroxide Crosslinked Pipes for Under-floor Heating

Properties	Method	Condition	Unit	SL188
Physical				
MFI(21.6kg)	ASTM D1238	190°C, 21.6kg load	g/10min	2.8
Density	ASTM D792	Method A	g/cm ³	0.948
Mechanical				
Tensile Strength at Yield Point(kgf/cm ²)	ASTM D638	50mm/min	kgf/cm ²	245
Tensile Strength at Break Point	ASTM D638	50mm/min	kgf/cm ²	390
Elongation at Break Point	ASTM D638	50mm/min	%	>800
Flexural Modulus(kgf/cm ²)	ASTM D790	Press sheet, 1% Secant	kgf/cm ²	8100
Izod Impact Strength(kgf-cm/cm)	ASTM D256	23°C, Notched	kgf-cm/cm	Non Break
Hardeness(Shore D)	ASTM D2240	Shore D		60
Thermal				
Melting Temperature	LG Method	by DSC	°C	133
Vicat Softening Temperature	ASTM D1525	A50	°C	123

Note

The properties data in this table are typical values, and not guaranteed specification.
Typical resin property values are measured on a standard compression molded specimens.