

# 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
<b>Physical</b>				
MFI(21.6kg)	ASTM D1238	190°C, 21.6kg load	g/10min	2.8
Density	ASTM D792	Method A	g/cm <sup>3</sup>	0.948
<b>Mechanical</b>				
Tensile Strength at Yield Point(kgf/cm <sup>2</sup> )	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	245
Tensile Strength at Break Point	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	390
Elongation at Break Point	ASTM D638	50mm/min	%	>800
Flexural Modulus(kgf/cm <sup>2</sup> )	ASTM D790	Press sheet, 1% Secant	kgf/cm <sup>2</sup>	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
<b>Thermal</b>				
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.